

1971

Tenth Anniversary Year



HOUSTON ASTROS GUIDE

For News Media



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Wayne Chandler

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HOUSTON ASTROS

HOUSTON SPORTS ASSOCIATION, INC.

ASTRODOME

P. O. Box 288

HOUSTON, TEXAS 77001

Phone: 713-748-4500

Teletype: 910 881 1740

Chairman of the Board and President	Judge Roy Hofheinz
First Vice President	William E. McDonald
Vice President and General Manager	H. B. "Spec" Richardson
Vice President and Director of Player Personnel	Talbot M. Smith
Vice President	Earl Allen
Vice President	John Beck
Vice President	Grady Hatton
Vice President	John D. O'Connell
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Treasurer	John K. Easter
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Assistant Secretary	M. F. Hofheinz
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AIRLINE DISTANCES BETWEEN LEAGUE CITIES

	Atlanta	Chicago	Cincinnati	Houston	Los Angeles	Montreal	New York	Philadelphia	Pittsburgh	St. Louis	San Diego	San Francisco
Atlanta		587	369	701	1936	1078	748	666	521	467	1903	2139
Chicago	587		252	940	1745	752	713	666	410	262	1724	1858
Cincinnati	369	252		892	1897	1004	570	503	257	309	1880	2043
Houston	701	940	892		1374	1692	1420	1341	1137	679	1312	1645
Los Angeles	1936	1745	1897	1374		2469	2451	2394	2136	1589	109	347
Montreal	1078	752	1004	1692	2469		330	413	647	1014	2578	2539
New York	748	713	570	1420	2451	330		83	317	875	2583	2571
Philadelphia	666	666	503	1341	2394	413	83		259	811	2412	2523
Pittsburgh	521	410	257	1137	2136	647	317	259		559	2132	2264
St. Louis	467	262	309	679	1589	1014	875	811	559		1729	1744
San Diego	1903	1724	1880	1312	109	2578	2583	2412	2132	1729		449
San Francisco	2139	1858	2043	1645	347	2539	2571	2523	2264	1744	449	

Manager

HARRY WALKER

25

Born Oct. 22, 1918, at Pascagoula, Miss. Married Dorothy Fulmer, March 17, 1941. Three daughters—Carol, Mary Sharon and Barbara. Home: Leeds, Ala. Playing height and weight—6-2, 190. Threw right. Batted left. Basic position—outfield; also played second base and first base in majors. Led National League in batting in 1947 (.363) and became the first player in history to lead the league in batting while playing with more than one club (St. Louis and Philadelphia).

1937—Signed as free agent with St. Louis (NL).

1947—Traded to Philadelphia (NL), May 3.

1948—Traded to Chicago (NL), Oct. 4.

1949—Traded to Cincinnati (NL), June 15; Traded to St. Louis (NL), Dec. 14.

1951—Appointed player-manager of Columbus (AA).

1952—Appointed player-manager of Rochester (IL).

1955—Replaced Eddie Stanky as manager of St. Louis (NL), May 28.

1956—Appointed player-manager of Houston (Texas).

1959—Coach, St. Louis (NL).

1963—Appointed manager of Atlanta (IL).

1964—Appointed manager of Jacksonville (IL); Named as minor league manager of the year by The Sporting News.

1965—Appointed manager of Pittsburgh (NL).

1967—Released as manager of Pittsburgh (NL), July 19; Appointed batting instructor for Houston (NL) organization, July 22.

1968—Replaced Grady Hatton as manager of Houston (NL), June 18.

RECORD AS MANAGER

Year	Club	League	Position	W-L	Pct.
1951	Columbus	A.A.	Eighth	53-101	.344
1952	Rochester	Int.	Third	80-74	.520
1953	Rochester	Int.	First	97-57	.630
1954	Rochester	Int.	Third	86-68	.559
1955	Rochester	Int.	Third	21-17	.553
1955	*St. Louis	N.L.	Seventh	51-67	.432
1956	Houston	Texas	First	96-58	.623
1957	Houston	Texas	Second	97-57	.630
1958	Houston	Texas	Second	79-74	.516
1963	Atlanta	Int.	Second	85-68	.556
1964	Jacksonville	Int.	First	89-62	.589
1965	Pittsburgh	N.L.	Third	90-72	.556
1966	Pittsburgh	N.L.	Third	92-70	.568
1967	*Pittsburgh	N.L.	Sixth	42-42	.500
1968	*Houston	N.L.	Tenth	49-52	.485
1969	Houston	N.L.	†Fifth	81-81	.500
1970	Houston	N.L.	†Fourth	79-83	.488

*—Partial season.

†—Western Division.

RECORD AS A PLAYER

Year	Club	League	G	AB	H	2B	3B	HR	RBI	SB	Avg.
1937	Montgomery	Southeast	10	42	9	0	0	0	2	0	.214
1937	Tiffin	Ohio St.	58	227	84	17	4	1	33	15	.370
1938	Tyler	E. Tex.	30	118	30	5	2	0	14	5	.254
1938	Greenville	Sally	7	23	6	0	0	0	2	0	.261
1938	Montgomery	Southeast	73	285	79	6	9	1	24	15	.277
1939	Pensacola	Southeast	127	479	154	18	13	2	55	14	.322
1940	Rochester	Int.	3	10	3	1	0	0	1	1	.300
1940	Columbus	A.A.	140	537	168	39	7	17	74	17	.313
1940	S.L.	N.L.	7	27	5	2	0	0	6	0	.185
1941	Columbus	A.A.	121	445	124	25	1	4	58	13	.279
1941	S.L.	N.L.	7	15	4	1	0	0	1	0	.267
1942	S.L.	N.L.	74	191	60	12	2	0	16	2	.314
1943	S.L.	N.L.	148	564	166	28	6	2	53	5	.294
1944-45	S.L.	(In Military Service)									
1946	S.L.	N.L.	112	346	82	14	6	3	27	11	.237
1947	S.L.-Phila.	N.L.	140	513	186	29	16	1	41	13	.363
1948	Philadelphia	N.L.	112	332	97	11	2	2	23	4	.292
1949	Chicago-Cin.	N.L.	128	473	142	21	5	2	37	6	.300
1950	S.L.	N.L.	60	150	31	5	0	0	7	0	.207
1950	Columbus	A.A.	41	144	40	11	2	3	14	2	.278
1951	Columbus	A.A.	110	298	117	24	1	6	39	10	.393
1951	S.L.	N.L.	8	26	8	1	0	0	2	0	.308
1952	Rochester	Int.	115	367	134	22	7	4	36	3	.365
1953	Rochester	Int.	112	304	92	11	1	7	37	7	.303
1954	Rochester	Int.	78	155	48	7	0	0	13	2	.310
1955	Rochester	Int.	9	7	3	0	0	0	1	0	.429
1955	S.L.	N.L.	11	14	5	2	0	0	1	0	.357
1956	Houston	Tex.	82	177	58	9	0	3	31	3	.328
1957	Houston	Tex.	62	153	44	11	1	1	16	0	.288
1958	Houston	Tex.	45	85	23	2	0	2	13	1	.271
Major League Totals (11 years)			807	2651	786	126	37	10	214	41	.296

THE COACHES

BUDDY HANCKEN

4

Born August 30, 1915 at Birmingham, Alabama. Married Hazel Lovell, December 24, 1938. Two daughters, Kaaren 25 and Candace, 18. Attended Birmingham Southern College. Threw and batted righthanded. Height 6-0. Weight 180. Basic position: catcher, also played second base in minors. Given name — Morris.

- 1935—Signed with Detroit organization; sent to Alexandria in the Evangeline League.
- 1936—Opened season with Beaumont, Texas League — sent to Charleston, West Virginia, in Mid-Atlantic League.
- 1937—Played with Beaumont (Texas).
- 1938—Taken to spring training with Detroit (A.L.); played at Toledo (A.A.) and Fort Worth (Tex.).
- 1939—Traded to Seattle (PCL) with JoJo White and two other players for Freddie Hutchinson and \$50,000.
- 1940—Spent entire season with Philadelphia Athletics; appeared in one game.
- 1941—Buffalo (Int.)
- 1942—In military service with Marine Corps.
- 1946—Returned to baseball as a scout for Cincinnati Reds.
- 1947—First managerial position with Ballinger (Longhorn), in Cincinnati system.
- 1954—Started seven years as scout with Pittsburgh.
- 1961—Signed with Minnesota Twins as scout.
- 1963—Managed Batavia (N.Y.-Penn.) in Pirate chain.
- 1964—Returned to scouting ranks with Pittsburgh.
- 1966—Signed as manager of Amarillo (Texas) in Astros' system, Jan. 14.
- 1967—Named coach for Houston Astros, October 23.

RECORD AS PLAYER

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	AVG.
1935	Alexandria	Evan.	100	304	76	14	1	0	38	.250
1936	Beaumont	Texas	11	24	6	1	0	1	7	.250
1936	Charleston	Mid At.	63	220	64	11	3	4	38	.291
1937	Beaumont	Texas	98	289	66	7	1	1	31	.228
1938	Toledo	A. A.	47	125	30	4	0	0	18	.240
1938	Fort Worth	Texas	39	104	27	8	0	0	10	.260
1939	Seattle	PCL	71	186	44	5	0	1	14	.237
1940	Philadelphia	A.L.	1	0	0	0	0	0	0	.000
1941	Buffalo	Int.	72	180	27	2	1	0	11	.150
Major League Total (one year)			1	0	0	0	0	0	0	.000

RECORD AS MANAGER

YEAR	CLUB	LEAGUE	POS.	W-L	YEAR	CLUB	LEAGUE	POS.	W-L
1947	Ballinger	Longhorn	2	68-62	1952	Baton Rouge	Evan.	3	76-64
1948	Greenville	Big St.	8	52-93	1953	Lk. Chrls	G. Coast	8	54-89
1949	Waco	Big St.	4	76-72	1964	Batavia	NY-Penn	3	63-67
1950	Waco	Big St.	5	76-75	1966	Amarillo	Tex	2	77-63
1951	Columbia	Sally	8	46-92	1967	Amarillo	Tex.	2	75-64

HUB KITTLE

3

Born Feb. 19, 1917, at Los Angeles. Married, seven children (four sons, three daughters). Home: Yakima, Wash. Attended San Diego State College. Threw and batted righthanded. Height 6-1. Weight 195. Pitcher. Given name: Hubert. Has managed 19 years in minor leagues.

- 1936 —Signed by Los Angeles (PCL) as free agent, played with Catalina rookie club.
- 1944-45 —In military service.
- 1948 —Began managerial career at Yakima (Western Int'l), July 2.
- 1950 —Posted perfect 10-0 record for Klamath Falls (Far West).
- 1960-63 —Not managing; served as general manager (Yakima 1960-61, Honolulu 1962, Portland 1963).
- 1968 —Joined Houston organization; managed at Dallas-Fort Worth (Texas).
- 1969 —Made final pitching appearance with Savannah (Southern).
- 1971 —Named coach for Houston Astros, Jan. 13.

RECORD AS PLAYER

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1936	Los Angeles	P.C.L.	0	0	0-0	0	0	0	—
1937	Ponca City	W. Assn.	47	214	9-15	250	155	119	5.30
1938	Ponca City	W. Assn.	37	209	18-8	200	150	123	3.19
1939	Yakima	West. Int.	32	238	20-10	207	156	95	3.44
1940	Yakima	West. Int.	17	119	9-5	129	63	28	2.95
1940	San Francisco	P.C.L.	17	55	3-3	56	15	26	5.24
1941	San Francisco	P.C.L.	20	44	2-2	—	—	—	—
1942	Okla. City	Texas	8	40	1-4	39	13	20	3.15
1942	Spokane	West. Int.	35	229	15-14	233	99	83	3.34
1943	Oakland	P.C.L.	14	59	2-1	56	30	22	2.74
1944	Military Service								
1945	Military Service								
1946	Bremerton	West. Int.	32	216	15-10	187	138	103	3.71
1947	Bremerton	West. Int.	35	216	13-14	192	130	69	2.79
1948	Yakima	West. Int.	38	204	7-18	223	115	85	4.76
1949	Klamath Falls	Far West	17	78	7-2	77	85	22	3.69
1950	Klamath Falls	Far West	24	55	10-0	48	59	23	3.93
1951	Salt Lake City	Pioneer	22	45	4-2	36	46	12	1.80
1952	Salt Lake City	Pioneer	36	79	6-6	64	35	25	1.94
1953	Terre Haute	Three-I	14	27	2-1	27	20	9	1.67
1954	Terre Haute	Three-I	7	17	1-0	18	7	7	5.29
1955	Yakima	Northwest	1	1	0-0	6	1	1	27.00
1958	Yakima	Northwest	1	2	0-0	0	1	0	0.00
1966	Austin	Texas	1	1	0-0	1	1	0	0.00
1969	Savannah	Southern	1	2	0-0	4	1	1	9.00

RECORD AS MANAGER

YEAR	CLUB	LEAGUE	POS.	W-L	YEAR	CLUB	LEAGUE	POS.	W-L
*1948	Yakima	West. Int.	8	26-63	1959	Yakima	N'west	5	30-38
1949	Klamath Falls	Far West	2	78-46				1	40-31
1950	Klamath Falls	Far West	1	87-52	1960	Yakima	N'West		Gen. Mgr.
1951	Salt Lake Cy.	Pioneer	1	84-52	1961	Yakima	N'West		Gen. Mgr.
1952	Salt Lake Cy.	Pioneer	6	60-71	1962	Honolulu	P.C.L.		Gen. Mgr.
1953	Terre Haute	Three-I	1	76-52	1963	Portland	P.C.L.		Gen. Mgr.
1954	Terre Haute	Three-I	7	60-76	1964	Yakima	N'west	6	28-40
1955	Yakima	N'west	5-	28-35				1=	44-28
			5=	31-34	1965	Yakima	N-west	5-	29-40
1956	Yakima	N'west	1-	47-21				4=	33-37
			1=	39-24	1966	Austin	Texas	4	67-73
1957	Yakima	N'west	2-	39-29	1967	Austin	Texas	4	69-71
			5=	30-37	1968	Dallas-FW	Texas	4	60-79
1958	Yakima	N'west	3-	35-32	1969	Savannah	Southern	6	59-76
			1=	41-28	1970	Okla. City	A.A.	3	68-71

* — Partial season

- — First half of split season

= — Second half of split season

JIM OWENS

5

Born January 16, 1934 at Gifford, Pennsylvania. Married. Home: Venice, Florida. Height 6-0. Weight 200. Bats right. Throws right. Position—pitcher.

1951—Broke into pro ball with Philadelphia Phillies organization.

1962—Traded to Cincinnati for Cookie Rojas, November 27.

1963—Drafted from San Diego (P.C.L.) by Houston for \$25,000, December 2.

1967—Released as player by Houston and signed as pitching coach, July.

RECORD AS PLAYER

YEAR	CLUB	LEAGUE	G	IP	W	L	H	SO	BB	ERA
1951	Bradford	Pony	23	108	6	3	99	67	93	4.33
1952	Miami	K.O.M.	35	245	22	7	137	300	170	1.76
1953	Terre Haute	Three III	42	244	22	8	167	197	139	2.51
1954	Syracuse	Int.	36	223	17	9	183	150	127	2.87
1955	Syracuse	Int.	31	211	15	11	171	161	124	3.11
1955	Philadelphia	N.L.	3	9	0	2	13	6	7	8.00
1956	Philadelphia	N.L.	10	30	0	4	35	22	22	7.20
1956	Miami	Int.	15	104	5	7	94	62	57	2.86
1957	Philadelphia	N.L.	(in military service)							
1958	Philadelphia	N.L.	1	7	1	0	4	3	5	2.57
1959	Philadelphia	N.L.	31	221	12	12	203	135	73	3.22
1960	Philadelphia	N.L.	31	150	4	14	182	83	64	5.04
1961	Philadelphia	N.L.	20	107	5	10	119	38	32	4.46
1962	Philadelphia	N.L.	23	70	2	4	90	21	33	6.30
1963	Cincinnati	N.L.	19	42	0	2	42	29	24	5.36
1963	San Diego	P.C.L.	8	57	4	2	44	13	53	2.21
1964	Houston	N.L.	48	118	8	7	115	88	32	3.28
1965	Houston	N.L.	50	71	6	5	65	53	29	3.30
1966	Houston	N.L.	40	50	4	7	53	32	17	4.68
1966	Okla. City	P.C.L.	6	8	0	0	14	5	5	9.00
1967	Houston	N.L.	10	11	0	1	12	6	2	4.09
Major League Totals (13-years)			286	886	42	68	932	516	340	4.31

SALTY PARKER

2

Born July 8, 1913 at East St. Louis, Illinois. Married Thelma Marie Millard, November 26, 1936. Three daughters, Joan, Nancy and Frances. Home: Shreveport, Louisiana. Height 6-0, Weight 185. Threw right, batted right. Basic position: shortstop. Also played first base in majors and third base, second base, first base, outfield, pitcher and catcher in the minors. Given name is Francis.

1930—Broke into pro ball with Moline in the Missouri Valley League.

1936—Joined Detroit (A.L.) as shortstop-first baseman.

1939—Took over as manager of Lubbock (W. Tex. - N.M.), May 1, finished first.

1944—In military service.

1952—Managed Temple (Big State) to first place.

1957—Managed Dallas (Texas) to first place with 102 wins.

1958—Joined coaching staff of San Francisco Giants.

1962—Coaching staff, Cleveland Indians.

1963—Scout, Pittsburgh Pirates.

1964—Signed as coach, Los Angeles Angels.

1967—Coach and interim manager, New York Mets.

1967—Named coach for Houston Astros, October 23.

RECORD AS PLAYER

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	AVG.
1930	Moline	M.V.	92	347	86	12	1	2		.284
1931	Moline	M.V.	127	482	136	21	2	2		.282
1932	Moline	M.V.	121	474	144	21	4	4	59	.304
1933	Beaumont	Texas	144	509	138	27	3	0	52	.271
1934	Beaumont	Texas	125	414	103	26	5	3	44	.249
1935	Toledo	A.A.	149	555	159	34	7	1	59	.286
1936	Toledo	A.A.	106	405	120	21	6	2	44	.296
1936	Detroit	A.L.	11	25	7	2	0	0	2	.280
1937	Indianapolis	A.A.	61	188	46	14	2	1	21	.245
1938	Tulsa Shreve.	Texas	121	386	108	22	2	1	57	.280
1939	Dallas	Texas	13	49	11	0	1	0	3	.224
1939	Lubbock	W.T. N.M.	133	480	150	25	9	7	93	.313
1940	Marshall	E. Tex.	131	444	155	46	6	4	71	.349
1941	Shreveport	Texas	145	498	127	24	1	0	49	.255
1942	Shreveport	Texas	147	531	138	22	3	1	57	.260
1943	St. Paul	A.A.	132	434	107	25	3	2	51	.247
1944	Montreal	Int.	In Military Service							
1945	Montreal	Int.	149	517	154	38	1	3	77	.298
1946	Shreveport	Texas	59	175	45	7	0	1	21	.257
1947	Shreveport	Texas	97	292	81	16	1	1	28	.277
1948	Shreveport	Texas	22	67	16	2	0	1	8	.239
1949	Shreveport	Texas	4	8	1	0	0	0	0	.125
1950	Shreveport	Texas	3	2	0	0	0	0	0	.000
1951	Shreveport	Texas	(Did not play)							
1952	Temple	Big St.	23	48	0	0	0	0	4	.167
1953	Temple	Big St.	(Did not play)							
1954	Tyler	Big St.	1	1	0	0	0	0	0	.000
Major League Totals (1 year)			11	25	7	2	0	0	2	.280

RECORD AS MANAGER

YEAR	CLUB	LEAGUE	POS.	W-L	YEAR	CLUB	LEAGUE	POS.	W-L
1939	Lubbock	W.T. N.M.	1	45-24	1949	Shreveport	Tex	4	80-74
	(Second Half)		1	45-24	1950	Shreveport	Tex	7	63-91
1940	Marshall	E. Tex.	2	31-13	1951	Shreveport	Tex	8	63-98
	(Second Half)		4	39-46	1952	Temple	Big St.	1	85-62
1941	Shreveport	Tex	3	80-71	1953	Temple	Big St.	7	35-40
1942	Shreveport	Tex	2	83-61	1954	Tyler	Big St.	2	92-55
1943	St. Paul	A.A.	7	67-85	1955	El Dorado	Cot. St.	2	32-23
1946	Shreveport	Tex	7	61-92		(Second Half)		2	38-27
1947	Shreveport	Tex	5	75-79	1956	Danville	Carol	2	83-69
1948	Shreveport	Tex	4	76-77	1957	Dallas	Tex	1	102-52

ALL-TIME HOUSTON COACHES

Adair, Jimmy—1962-63-64-65

Bragan, Bobby—1962

Busby, Jim—1962-63-64-65-66-67

Courtney, Clint—1965

Deal, Cot—1962-63-64

Fox, Nellie—1965-66-67

Hancken, Buddy—1968-69-70

Harris, Luman—1962-63-64

Heist, Al—1966-67

Jones, Gordon—1966-67

Owens, Jim—1967-68-69-70

McGaha, Mel—1968-69-70

Parker, Salty—1968-69-70

Pollet, Howie—1965

NUMERICAL ROSTER

2—Salty Parker	22—Jesus Alou	39—George Culver
3—Hub Kittle	23—Denny Lemaster	40—Don Wilson
4—Buddy Hancken	24—Jim Wynn	41—Ron Cook
5—Jim Owens	25—Harry Walker	42—Jack Billingham
6—Cliff Johnson	26—Keith Lampard	43—Ken Forsch
7—John Edwards	27—Bob Watson	44—Otis Thornton
8—Jack Hiatt	28—Cesar Cedeno	45—Jim Ray
10—Larry Howard	29—Rich Chiles	46—Buddy Harris
11—Denis Menke	30—Mark Schaeffer	47—Bob Watkins
12—Doug Rader	31—Jack DiLauro	48—Fred Gladding
14—Orlando Martinez	33—John Mayberry	49—Larry Dierker
15—Roger Metzger	34—Rick Evans	50—Jay Schlueter
16—Derrel Thomas	35—Skip Guinn	51—Larry Yount
18—Joe Morgan	36—Wade Blasingame	52—Bill Greif
20—Cesar Geronimo	37—Scipio Spinks	55—Ray Busse
21—Norm Miller	38—Tom Griffin	60—James Richard

ALPHABETICAL ROSTER

Alou, Jesus—22	Griffin, Tom—38	Owens, Jim—5
Billingham, Jack—42	Guinn, Skip—35	Parker, Salty—2
Blasingame, Wade—36	Hancken, Buddy—4	Rader, Doug—12
Busse, Ray—55	Harris, Buddy—46	Ray, Jim—45
Cedeno, Cesar—28	Hiatt, Jack—8	Richard, James—60
Chiles, Rich—29	Howard, Larry—10	Schaeffer, Mark—30
Cook, Ron—41	Johnson, Cliff—6	Schlueter, Jay—50
Culver, George—39	Kittle, Hub—3	Spinks, Scipio—37
Dierker, Larry—49	Lampard, Keith—26	Thomas, Derrel—16
DiLauro, Jack—31	Lemaster, Denny—23	Thornton, Otis—44
Edwards, John—7	Martinez, Orlando—14	Walker, Harry—25
Evans, Rick—34	Mayberry, John—33	Watkins, Bob—47
Forsch, Ken—43	Menke, Denis—11	Watson, Bob—27
Geromino, Cesar—20	Metzger, Roger—15	Wilson, Don—40
Gladding, Fred—48	Miller, Norm—21	Wynn, Jim—24
Greif, Bill—52	Morgan, Joe—18	Yount, Larry—51

PRONUNCIATION GUIDE

Cedeno—suh-dayn-yo
 DiLauro—di-laura
 Greif—Grife
 Guinn—qwin

Martinez—mar-TEEN-is
 Spinks—sip-e-oh SPINKS
 Yount—yownt

Manager—Harry Walker 25
Trainer—Jim Ewell
Equipment Manager—Whitey Diskin

1971 HOUSTON ROSTER

Coaches: Salty Parker 2

Hub Kittle 3
Buddy Hancan 4
Jim Owens 5

NO.	PITCHERS	B	T	HT.	WT.	BORN	BIRTHPLACE	RESIDENCE	1970 CLUB	IP	W-L	ERA
42	Billingham, Jack	R	R	6-4	195	2/21/43	Orlando, Fla.	Winter Park, Fla.	Houston	188	13-9	3.97
36	Blasingame, Wade	L	L	6-1	185	11/22/43	Deming, N.M.	Fresno, Calif.	Okla. City	101	8-2	3.12
41	Cook, Ron	L	L	6-1	175	7/11/47	Jefferson, Tex.	Longview, Tex.	Houston	78	3-3	3.46
39	Culver, George	R	R	6-2	185	7/ 8/43	Salinas, Calif.	Oldale, Calif.	Houston	82	4-4	3.84
49	Dierker, Larry	R	R	6-4	190	9/22/46	Hollywood, Calif.	Houston	St. Louis	57	3-3	4.58
									Houston	45	3-3	3.20
									Houston	270	16-12	3.87
31	DiLauro, Jack	S	L	6-2	185	5/ 3/43	Akron, Ohio	Jackson, Hts., N.Y.	Houston	34	1-3	4.50
34	*Evans, Rick	L	L	6-0	180	9/ 1/43	Seattle	Yarrow Point, Wash.	Okla. City	24	0-2	6.38
43	Forsch, Ken	R	R	6-4	195	9/ 8/46	Sacramento	Sacramento	Ral.-Durrham	78	8-2	1.62
									Columbus	167	13-8	2.05
									Okla. City	40	4-0	1.58
									Houston	24	1-2	5.63
48	Gladding, Fred	L	R	6-0	230	6/28/36	Flat Rock, Mich.	Powell, Tenn.	Houston	71	7-4	4.06
52	Greif, Bill	S	R	6-4	195	4/25/50	Fort Stockton, Tex.	Austin, Tex.	Columbus	190	10-12	2.89
38	Griffin, Tom	R	R	6-2	200	2/22/48	Los Angeles	Houston	Okla. City	28	3-2	1.13
35	Guinn, Skip	R	L	5-10	180	10/25/44	St. Charles, Mo.	Los Angeles	Houston	111	3-13	5.67
46	Harris, Buddy	R	R	6-7	250	12/ 5/48	Philadelphia	Philadelphia	Okla. City	117	4-8	3.85
23	Lemaster, Denny	R	L	6-1	185	2/25/39	Corona, Calif.	Decatur, Ga.	Columbus	205	11-9	2.02
45	Ray, Jim	R	R	6-1	195	12/ 1/44	Rock Hill, S.C.	Holly, Mich.	Houston	6	0-0	6.00
									Houston	162	7-12	4.56
									Houston	105	6-3	3.26
60	*Richard, James R.	R	R	6-8	222	3/27/50	Vienna, La.	Ruston, La.	Cocoa	109	4-11	2.39
30	*Schaeffer, Mark	L	L	6-5	213	6/ 5/48	Santa Monica, Calif.	Canoga Park, Calif.	Okla. City	107	4-7	5.21
37	Spinks, Scipio	R	R	6-1	185	7/12/47	Chicago	Oklahoma City	Okla. City	158	9-12	3.30
47	Watkins, Bob	R	R	6-1	205	3/12/48	San Francisco	Compton, Calif.	Houston	14	0-1	9.64
40	Wilson, Don	R	R	6-3	205	2/12/45	Monroe, La.	Houston	Okla. City	93	6-7	5.32
51	Yount, Larry	R	R	6-2	185	2/15/50	Houston	Woodland Hills, Calif.	Columbus	37	2-1	1.95
									Houston	184	11-6	3.91
									Columbus	184	12-8	2.84

CATCHERS	B	T	HT.	WT.	DATE	BORN	RESIDENCE	1970 CLUB	H	HR	RBI	AVG.
7 Edwards, John	L	R	6-4	211	6/10/38	Columbus, Ohio	Houston	Houston	101	7	49	.221
8 Hiatt, Jack	R	R	6-2	190	7/27/42	Bakersfield, Calif.	San Mateo, Calif.	Montreal	14	0	7	.325
10 Howard, Larry	R	R	6-0	200	6/ 6/45	Columbus, Ohio	Abilene, Tex.	Chicago (NL)	43	2	22	.242
6 Johnson, Cliff.	R	R	6-4	215	7/22/47	San Antonio	San Antonio	Okla. City	81	12	51	.302
44 *Thornton, Otis	R	R	6-1	186	6/30/45	Docena, Ala.	Docena, Ala.	Houston	27	2	16	.307
								Ral.-Durham	114	27	91	.332
								Okla. City	21	1	5	.382
								Columbus	88	5	27	.273
								Ral.-Durham	17	3	16	.230
INFIELDERS	B	T	HT.	WT.	DATE	BORN	RESIDENCE	1970 CLUB	H	HR	RBI	AVG.
55 Busse, Ray	R	R	6-4	180	9/25/48	Daytona Beach, Fla.	Port Orange, Fla.	Columbus	106	7	49	.264
14 Martinez, Marty	S	R	6-1	175	8/23/41	Havana	Kansas City, Mo.	Houston	33	0	12	.220
33 Mayberry, John	L	L	6-3	220	2/18/50	Detroit	Detroit	Okla. City	63	14	38	.273
11 Menke, Denis	R	R	6-0	180	7/21/40	Bancroft, Iowa	Chamblee, Ga.	Houston	32	5	14	.216
15 Metzger, Roger	L	R	6-0	165	10/10/47	Fredericksburg, Tex.	San Antonio	Houston	171	13	92	.304
								Tacoma	133	1	32	.270
								Chicago (NL)	0	0	0	.000
18 Morgan, Joe	L	R	5-7	150	9/19/43	Bonham, Tex.	Houston	Houston	147	8	52	.268
12 Rader, Doug	R	R	6-2	210	7/30/44	Chicago	Stuart, Fla.	Houston	145	25	87	.252
16 *Thomas, Derrel	S	R	6-0	160	1/14/51	Los Angeles	Los Angeles	Okla. City	73	4	21	.268
27 Watson, Bob	R	R	6-2	205	4/10/46	Los Angeles	Los Angeles	Columbus	38	4	12	.244
								Houston	89	11	61	.272
OUTFIELDERS	B	T	HT.	WT.	DATE	BORN	RESIDENCE	1970 CLUB	H	HR	RBI	AVG.
22 Alou, Jesus	R	R	6-2	195	3/24/43	Haina, D.R.	Santo Domingo, D.R.	Houston	140	1	44	.306
28 Cedenno, Cesar	R	R	6-2	175	2/25/51	Santo Domingo, D.R.	Santo Domingo, D.R.	Okla. City	82	14	61	.373
29 Chiles, Rich	L	L	5-11	165	11/22/49	Sacramento	Davis, Calif.	Houston	110	7	42	.310
20 Geronimo, Cesar	L	L	6-2	164	3/11/48	El Seibo, D.R.	El Seibo, D.R.	Okla. City	126	1	36	.304
26 Lampard, Keith	L	R	6-2	185	10/20/45	Warrington, England	Portland, Ore.	Columbus	71	0	21	.269
								Houston	9	0	2	.243
								Okla. City	1	1	2	.071
								Houston	8	1	7	.236
21 Miller, Norm	L	R	5-11	190	2/ 5/46	Los Angeles	Houston	Houston	54	4	29	.239
50 Schlueter, Jay	R	R	6-0	182	7/31/49	Phoenix	Phoenix	Columbus	85	10	44	.220
24 Wynn, Jim	R	R	5-10	160	3/12/42	Cincinnati	Houston	Houston	156	27	88	.282

*Invited to Spring Training; not on 40-man roster.

THE ASTROS

JESUS ALOU

22

OUTFIELDER—Bats right. Throws right. Born March 24, 1943, at Haina, Dominican Republic. Height 6-2. Weight 195. Married. Home: Santo Domingo, Dominican Republic.

1959—Signed as free agent by San Francisco Giants.

1968—Purchased by Montreal Expos in National League expansion draft.

1969—Traded to Houston Astros with Jack Billingham and Skip Guinn, Jan. 22.

1970 RECORD

Houston (NL)

G	AB	H	2B	3B	HR	RBI	SB	AVG.
117	458	140	27	3	1	44	3	.306

Had his first above-.300 year in the majors in 1970...didn't break into the regular lineup until late April, then was No. 1 right fielder the rest of the year...had 38 games with more than one hit...in one six-game streak in early August, he collected 16 hits...youngest of the three Alou brothers who have been fixtures in major league outfields the last several years...in majors, led three leagues in total hits...a pitcher in his first pro season, but quickly converted to the outfield...was 6-for-6 for Giants on July 10, 1964.

MAJOR LEAGUE RECORD

1963-64-65-66-67-68—San Francisco (NL). 1969-70—Houston (NL).

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
8 years	865	3202	878	120	20	24	252	28	.274

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1959	Hastings	Neb. St.	4	3	2	0	0	0	0	0	.667
1960	Artesia	Soph.	126	534	188	33	6	11	91	18	.352
1960	Eugene	No. West.	6	20	7	0	1	0	2	1	.350
1961	Eugene	No. West.	138	518	174	31	5	10	71	16	.336
1962	El Paso	Texas	118	505	173	35	10	11	68	24	.343
1963	Tacoma	PCL	158	648	210	26	7	11	69	18	.324
1963	San Francisco	NL	16	24	66	1	0	0	5	0	.250
1964	San Francisco	NL	115	376	103	11	0	3	28	6	.274
1965	San Francisco	NL	143	543	162	19	4	9	52	8	.298
1966	San Francisco	NL	110	370	96	13	1	1	20	5	.259
1966	Phoenix	PCL	10	41	12	1	1	0	0	0	.293
1967	San Francisco	NL	129	510	149	15	4	5	30	1	.292
1968	San Francisco	NL	120	419	110	15	4	0	39	1	.263
1969	Houston	NL	115	452	112	19	4	5	34	4	.248
1970	Houston	NL	117	458	140	27	3	1	44	3	.306

JACK BILLINGHAM

42

PITCHER—Bats right. Throws right. Born Feb. 21, 1943, at Orlando Fla. Height 6-4. Weight 195. Married, two children. Home: Winter Park, Fla.

1961—Signed as free agent by Los Angeles Dodgers.

1968—Purchased from Los Angeles by Montreal Expos in National League expansion draft.

1969—Acquired by Houston April 3, with Skip Guinn and undisclosed amount of cash to complete earlier trade that sent Rusty Staub to Montreal and Jesus Alou to Houston.

1970 RECORD

Houston (NL)

G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
46	24	8	188	13-9	190	83	134	63	3.97

Became one of Houston's most dependable pitchers after breaking into starting rotation on June 3 last year...spent first two months of 1970 in the bullpen...ended season with four complete games in his last five starts...had been Montreal's No. 1 pitching selection (and No. 5 pick overall) in 1968 NL expansion draft...relieved for

BILLINGHAM (Continued)

Dodgers in 1968, very effectively...had outstanding minor league campaigns at St. Petersburg in 1964, Albuquerque in 1965 and Spokane in 1967.

MAJOR LEAGUE RECORD

1968—Los Angeles (NL) 1969-70—Houston (NL).

G	IP	W-L	H	ER	SO	BB	ERA
148	342	22-16	336	139	251	122	3.66

LIFETIME MAJOR LEAGUE BATTING

AB	H	2B	3B	HR	RBI	SB	AVG
75	7	0	0	0	1	0	.093

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1961	Orlando	Fla. St.	12	56	1-6	53	30	37	4.50
1962	St. Petersburg	Fla. St.	22	68	1-5	74	58	39	5.16
1963	Salisbury	W. Carol.	31	142	9-6	124	136	53	3.49
1964	Santa Barbara	Calif.	16	22	1-1	17	31	10	4.91
1964	St. Petersburg	Fla. St.	32	105	7-3	63	126	27	1.03
1965	Spokane	PCL	6	20	0-0	17	20	10	3.60
1965	Albuquerque	Texas	39	86	7-3	68	67	27	1.78
1966	Spokane	PCL	50	106	6-9	107	84	41	3.82
1967	Spokane	PCL	51	123	7-4	98	108	46	3.00
1968	Los Angeles	NL	50	71	3-0	54	46	30	2.15
1969	Houston	NL	52	88	6-7	92	71	29	4.23
1970	Houston	N.L.	46	188	13-9	190	134	63	3.97

WADE BLASINGAME

36

PITCHER—Bats left. Throws left. Born Nov. 22, 1943, at Deming, N.M. Height 6-1. Weight 185. Single. Home: Fresno, Calif.

1961—Signed by Milwaukee as free agent.

1967—Traded to Houston with pitcher Brian Murphy for pitcher Claude Raymond and outfielder Darrell Griffith, June 15.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Oklahoma City (AA)	16	16	4	101	8-2	102	35	96	23	3.12
Houston (NL)	13	13	1	78	3-3	76	30	55	23	3.46

Pitched effectively in late season with Astros after strong performance at Oklahoma City...figures prominently in Houston's 1971 plans...spent most of 1969 in Astro bullpen, then returned to starting duties last year...missed much of 1968 after groin injury and resulting operation...in 1965, threw one-hitter for Braves against old "roomie," Warren Spahn...former all-city selection and player of the year while in high school (Fresno, Calif.)...nicknamed "The Blazer."

MAJOR LEAGUE RECORD

1963-64-65-66-67—Milwaukee-Atlanta (NL) 1967-68-69-70—Houston (NL)

	G	IP	W-L	H	ER	SO	BB	ERA
8 years	170	681	37-39	696	337	403	308	4.45

LIFETIME MAJOR LEAGUE BATTING

AB	H	2B	3B	HR	RBI	SB	AVG
214	34	9	0	2	11	0	.159

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1961	Boise	Pioneer	13	90	6-3	91	94	51	4.70
1962	Austin	Texas	28	156	10-14	178	102	100	4.27
1963	Denver	P.C.L.	8	20	0-3	37	19	17	9.90
1963	Austin	Texas	16	84	7-2	75	56	51	3.21
1963	Milwaukee	N.L.	2	3	0-0	7	6	2	12.00
1964	Milwaukee	N.L.	28	117	9-5	113	70	51	4.23
1964	Denver	P.C.L.	11	69	4-5	66	51	32	3.26
1965	Milwaukee	N.L.	38	225	16-10	200	117	116	3.76
1966	Atlanta	N.L.	16	68	3-7	71	34	25	5.29
1966	Richmond	Intl.	1	2	0-0	4	2	1	4.50
1967	Atlanta	N.L.	10	25	1-0	27	20	21	11.70
1967	Houston	N.L.	15	77	4-7	91	46	27	5.96
1968	Houston	N.L.	22	36	1-2	45	22	10	4.75
1969	Houston	N.L.	26	52	0-5	66	33	33	5.37
1970	Okla. City	A.A.	16	101	8-2	102	96	35	3.12
1970	Houston	N.L.	13	78	3-3	76	55	23	3.46

RAY BUSSE

55

INFIELDER—Bats right. Throws right. Born Sept. 25, 1948, at Daytona Beach, Fla. Height 6-4. Weight 175. Single. Home: Port Orange, Fla. Attended Daytona Beach Junior College.

1967—Signed by Houston as free agent, April.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Columbus (Southern)	105	402	106	13	3	7	49	5	.264

Has outstanding range and arm...pitched in junior college ranks, was converted to shortstop in pro ball...tall and rangy, with good speed...continues to boost his batting average each season in pro ball...saw limited spring action with Astros in 1970...unusual hobby is trapping snakes...was one of the key figures in Columbus' Southern League 1970 championship season.

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1967	Covington	Appal.	60	220	49	6	2	2	28	8	.223
1968	Cocoa	Fla. St.	124	424	99	17	4	4	52	19	.233
1969	Peninsula	Carolina	109	395	96	17	5	7	35	11	.243
1970	Columbus	Southern	105	402	106	13	3	7	49	5	.264

CESAR CEDENO (SUH-DAYN-YO)

28

OUTFIELDER—Bats right. Throws right. Born Feb. 25, 1951, at Santo Domingo, Dominican Republic. Height 6-2. Weight 175. Single. Home: Santo Domingo, Dominican Republic.

1967—Signed by Houston as free agent, October.

What a great season he had as a 19-year-old!...he was leading the American Association in almost every major department when called up to Houston in late June...after his first seven major league games, he never went more than "one in a row" without a hit...had hitting streaks of seven, seven, nine and 14 games...hit safely in 21 of the last 22 games of 1970...stole 17 bases in 21 tries...in only 90 games he picked up 110 hits...became Astro center fielder on July 8...regarded as potentially a complete player...has only three pro seasons behind him...Houston scouts to the man regard him as "one who can do it all."

MAJOR LEAGUE RECORD

1970—Houston (NL).

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1 year	90	355	110	21	4	7	42	17	.310

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1968	Covington	Appal.	36	131	49	5	6	0	21	9	.374
1968	Cocoa	Fla. St.	69	180	46	8	2	0	16	5	.256
1969	Peninsula	Carolina	142	497	136	32	3	5	39	24	.274
1970	Okla. City	A.A.	54	233	87	14	9	14	61	9	.373
1970	Houston	N.L.	90	355	110	21	4	7	42	17	.310

RICH CHILES

29

OUTFIELDER—Bats left. Throws left. Born November 22, 1949, at Sacramento, Calif. Height 5-11. Weight 170. Single. Home: Davis, Calif.

1968—Signed by Houston as free agent (No. 2 selection, regular phase, June).

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Oklahoma City (AA)	17	14	1	94	6-5	67	33	100	53 .316

Good competitor...line drive hitter...good speed...led American Association in triples (11) and fewest strikeouts (32) in 1970...has missed considerable portions of the last two seasons because of military obligations...highly-effective pinch hitter with Astros during 1970 spring training...broke into pro ball with .446 Rookie League performance in 1968, advancing to the AAA level at the end of the year...has hit .262, .282 and .304 on the AAA level.

RICH CHILES (Continued)

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1966	Covington	Rookie	32	121	54	11	5	6	42	15	.446
1968	Oklahoma City	PCL	43	164	43	6	2	2	11	2	.262
1969	Peninsula	Carolina	35	128	31	6	0	2	15	5	.242
1969	Oklahoma City	AA	60	216	61	8	4	3	22	2	.282
1970	Oklahoma City	A.A.	108	414	126	24	11	1	36	2	.304

RON COOK

41

PITCHER—Bats left. Throws left. Born July 11, 1947, at Jefferson, Texas. Height 6-1. Weight 175. Married. Home: Longview, Texas.

1966—Signed as free agent by New York (AL).

1967—Drafted by Oklahoma City from Binghamton (Eastern), Nov. 28.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Houston (NL)	41	7	0	82	4-4	80	34	50	42	3.73

Effective as bullpener and spot starter for 1970 Astros... picked up two saves to go with his 4-4 record and 3.73 ERA, fourth best on the Houston staff... led American Association with 3.11 ERA in 1969... reached major leagues in only his third full year as a pitcher... began his career as an outfielder, was converted to pitching with Yankees' organization in 1967, but worked only 13 minor league innings on the mound that season... has great potential... showed no 1970 effects of off-season knee surgery.

MAJOR LEAGUE RECORD

1970—Houston (NL).

1 year	G	IP	W-L	H	ER	SO	BB	ERA
	41	82	4-4	80	34	50	42	3.73

LIFETIME MAJOR LEAGUE BATTING

AB	H	2B	3B	HR	RBI	SB	AVG.
17	4	0	2	0	1	0	.235

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1966	Binghamton	N.Y.-P.	Played outfield; did not pitch						
1966	Ft. Lauderdale	Fla. State	Played outfield; did not pitch						
1967	Oneonta	N.Y.-P.	1	2	0-0	4	2	3	9.00
1967	Johnson City	Appalachian	2	11	0-1	7	8	10	3.27
1968	Oklahoma City	PCL	33	67	1-6	78	59	30	4.43
1969	Oklahoma City	AA	25	142	8-8	146	102	53	3.11
1970	Houston	N.L.	41	82	4-4	80	50	42	3.73

GEORGE CULVER

39

PITCHER—Bats right. Throws right. Born July 8, 1943, at Salinas, Calif. Height 6-2. Weight 182. Single. Home: Oildale, Calif.

1963—Signed by New York Yankees as free agent.

1963—Drafted by Cleveland from Richard (Intl.), Dec. 2.

1967—Traded to Cincinnati, Nov. 21.

1969—Traded to St. Louis, Nov. 5.

1970—Traded to Houston for outfielder Jim Beauchamp and infielder Leon McFadden, June 13.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
St. Louis (NL)	11	7	2	57	3-3	64	29	23	24	4.58
Houston (NL)	32	0	0	45	3-3	44	16	31	21	3.20

Worked out of Astro bullpen after mid-season acquisition from Cards... picked up three saves in addition to his 3-3 record... allowed only one run in first 12 relief assignments after joining Houston... underwent elbow surgery after season... battle with hepatitis limited his 1969 pitching... threw 6-1 no-hitter for Reds vs. Phils on July 29, 1968... once worked as sports writer at Bakersfield, Calif.

CULVER (Continued)

MAJOR LEAGUE RECORD

1966-67—Cleveland (A.L.) 1968-69—Cincinnati (N.L.) 1970—St. Louis (N.L.)

	G	IP	W-L	H	ER	SO	BB	ERA
5 years	175	514	29-32	406	216	273	219	3.78

LIFETIME MAJOR LEAGUE BATTING

	AB	H	2B	3B	HR	RBI	SB	AVG.
	126	16	1	1	0	8	0	.127

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1963	Shelby	W. Carolinas	9	58	3-3	25	94	21	1.71
1963	Ft. Lauderdale	Fla. State	10	72	4-3	49	68	39	2.19
1963	Greensboro	Carolina	3	9	0-0	8	8	7	3.00
1963	Charleston	Eastern	22	153	11-6	122	104	71	2.41
1964	Portland	P.C.L.	10	61	4-2	40	57	11	1.18
1965	Portland	P.C.L.	38	180	10-11	184	139	96	4.95
1966	Portland	P.C.L.	30	209	14-10	182	151	88	2.93
1966	Cleveland	A.L.	5	10	0-2	15	6	7	8.10
1967	Cleveland	A.L.	53	75	7-3	71	41	31	3.96
1969	Cincinnati	N.L.	42	226	11-16	229	114	84	3.23
1969	Cincinnati	N.L.	32	101	5-7	117	58	52	4.28
1970	St. Louis	N.L.	11	57	3-3	64	23	24	4.58
1970	Houston	N.L.	32	45	3-3	44	31	21	3.20

LARRY DIERKER

49

PITCHER—Bats right. Throws right. Born Sept. 22, 1964, at Hollywood, Calif. Height 6-4. Weight 210. Married, one daughter. Home: Houston, Tex. Attending University of Houston in off-season.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Houston (N.L.)	37	36	17	270	16-12	263	116	191	82	3.87

Had another highly-successful season in 1970, leading Houston in just about every pitching department...got away to a great start, was 8-2 on May 18...didn't get win No. 9 for almost exactly two months (July 17)...had a good closing "kick," winning last three decisions (and five of six)...every time he wins a game, he virtually reworks the club record book...helped his own cause with the bat some, also, with 16 hits and four RBI...beat every other NL club except Mets...won five games in May, four in September as Astros put on push for fourth place...nabbed a save in his one non-starting assignment...has 36 wins the last two years, 48 the last three seasons...was 1969 Astro MVP and a nominee for "Texas Pro Athlete of the Year"...pitched only 39 minor league innings before making his first NL appearance on his 18th birthday (Sept. 22, 1964)...all-league in baseball and basketball at Los Angeles' Taft High...sought by 17 major league clubs.

MAJOR LEAGUE RECORD

1964-65-66-67-68-69-70—Houston (N.L.)

	G	IP	W-L	H	ER	SO	BB	ERA
7 years	181	1250	71-82	1119	443	874	363	3.19

LIFETIME MAJOR LEAGUE BATTING

	AB	H	2B	3B	HR	RBI	SB	AVG.
	434	60	10	0	3	24	0	.138

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1964	Cocoa	Rookie	9	39	2-3	21	61	18	3.23
1964	Houston	N.L.	3	8.2	0-1	7	5	3	2.00
1965	Houston	N.L.	26	146.2	7-8	135	109	37	3.49
1966	Houston	N.L.	29	187	10-8	173	108	45	3.27
1967	Houston	N.L.	15	99	6-5	95	68	25	3.36
1968	Houston	N.L.	32	233.2	12-15	206	161	89	3.31
1969	Houston	N.L.	39	305	20-13	240	232	72	2.33
1970	Houston	N.L.	37	270	16-12	263	191	82	3.87

JACK DiLAURO (di-LAURA)

31

PITCHER—Bats switch. Throws left. Born May 3, 1943, at Akron, Ohio. Height 6-2. Weight 185. Married. Home: Jackson Heights, N.Y.

1963—Signed as free agent by Detroit Tigers.

1968—Acquired by New York Mets from Detroit organization after season.

1969—Drafted by Houston from Tidewater (Int'l), December.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Houston (NL)	42	0	0	34	1-3	34	16	23	17	4.24

Lefthanded relief pitcher who recorded three saves for 1970 Astros...got away to slow start (suffered two losses in first three games of the year), but was out standing during seven-week span from mid-May to early July...has good breaking ball and control...had impressive AAA credentials from 1967 through 1969, then was effective reliefer with World Champion Mets in '69...good-fielding pitcher who always ranked high in minor leagues in total chances and assists.

MAJOR LEAGUE RECORD

1969—New York (NL). 1970—Houston (NL).

	G	IP	W-L	H	ER	SO	BB	ERA
2 years	65	98	2-7	84	33	50	35	3.03

LIFETIME MAJOR LEAGUE BATTING

	AB	H	2B	3B	HR	RBI	SB	AVG.
	434	60	10	0	3	24	0	.138

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1963	Jamestown	NY-P	28	173	14-10	189	107	42	3.54
1964	Syracuse	Intl.	3	3	0-1	3	2	2	9.00
1964	Duluth	Northern	25	192	14-8	206	92	42	2.81
1965	Rocky Mount	Carolina	27	167	12-7	145	119	58	2.64
1966	Syracuse	Intl.	41	143	8-11	133	83	49	3.90
1967	Toledo	Intl.	23	59	6-5	66	38	24	4.88
1968	Toledo	Intl.	29	143	11-6	155	73	27	3.65
1969	Tidewater	Intl.	4	27	2-1	24	22	6	2.67
1969	New York	NL	23	64	1-4	50	27	18	2.39
1970	Houston	N.L.	42	34	1-3	34	23	17	4.24

JOHN EDWARDS

7

CATCHER—Bats left. Throws right. Born June 10, 1938, at Columbus, Ohio. Height 6-4. Weight 211. Married, two children. Home: Houston, Texas.

1959—Signed by Cincinnati Reds organization.

1968—Traded to St. Louis Cardinals for infielder Jim Williams and catcher Pat Corrales, Feb. 8.

1968—Traded to Houston for Dave Giusti and Dave Adlesh, October 11.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Houston (NL)	140	458	101	16	4	7	49	1	.221

His .995 fielding average topped all National League catchers in 1970 and broke his own club mark of .994, set the year before...he led the NL with 933 total chances after establishing two major league marks (1135 putouts and 1214 successful chances) in 1969...1970 was the fourth time he was the NL's top fielding catcher...has led NL, or tied for lead, in double plays three times...named to all-star team three times...Edwards led all Cincinnati batters in 1961 World Series, hitting .364.

MAJOR LEAGUE RECORD

1961-62-63-64-65-66-67—Cincinnati (NL). 1968—St. Louis (NL). 1969-70—Houston (NL).

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
10 years	1117	3561	856	156	23	69	424	0	.240

EDWARDS (Continued)

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1959	Visalia	Calif.	122	469	150	24	4	16	99	2	.320
1960	Nashville	South.	136	437	128	11	3	14	70	0	.293
1961	Indianapolis	AA	64	220	58	12	3	8	39	2	.264
1961	Cincinnati	NL	52	145	27	5	0	2	14	1	.186
1962	Cincinnati	NL	133	452	115	28	5	8	50	1	.254
1963	Cincinnati	NL	148	495	128	19	4	11	67	1	.259
1964	Cincinnati	NL	126	423	119	23	1	7	55	1	.281
1965	Cincinnati	NL	114	371	99	22	2	17	51	0	.267
1966	Cincinnati	NL	98	282	54	8	0	6	39	1	.191
1967	Cincinnati	NL	80	209	43	6	0	2	20	1	.206
1968	St. Louis	NL	85	230	55	9	1	3	29	1	.239
1969	Houston	NL	151	496	115	20	6	6	50	2	.232
1970	Houston	N.L.	140	458	101	16	4	7	49	1	.221

RICK EVANS

34

PITCHER—Bats left. Throws left. Born Sept. 1, 1943, at Seattle, Wash. Height 6-0. Weight 180. Married. Home: Yarrow Point, Wash.

1963—Signed by New York Yankees as free agent.

1969—Drafted by Oklahoma City from El Paso (Texas), Dec. 1.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Okla. City (AA)	13	5	0	24	0-2	21	17	23	35	6.38
Ral.-Dur. (Carolina)	10	10	7	78	8-2	54	14	70	38	1.62

Non-roster player this spring...had impressive credentials with Raleigh-Durham last season...came to Houston organization via minor league winter draft in 1969.

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1963	Harlan	Appal.	12	24	1-1	18	33	48	9.00
1964	Davenport	Midwest.	25	99	5-6	66	152	143	5.55
1965	Davenport	Midwest.	7	31	0-4	25	48	43	8.42
1966	San Jose	California	21	114	5-9	106	140	137	6.24
1967	Seattle	P.C.L.	3	7	1-2	3	11	15	12.86
1967	El Paso	Texas	13	54	4-2	46	60	51	5.33
1968	El Paso	Texas	5	25	2-1	28	25	25	5.40
1968	San Jose	California	17	86	7-5	84	101	78	4.39
1969	San Jose	California	5	28	1-2	27	39	32	6.11
1969	Columbus	Southern	20	101	5-8	88	80	55	3.83
1970	Okla. City	A.A.	13	24	0-2	21	24	35	6.38
1970	Ral.-Durham	Carolina	10	78	8-2	54	70	38	1.62

KEN FORSCH

43

PITCHER—Bats right. Throws right. Born Sept. 8, 1946, at Sacramento, Calif. Height 6-4. Weight 195. Single. Home: Sacramento, Calif. Attended Oregon State University.

1968—Signed by Houston as free agent (No. 18 selection, regular phase, June).

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Columbus (Southern)	22	22	2	167	13-8	135	38	152	39	2.05
Oklahoma City (AA)	5	5	4	57	4-0	25	7	37	10	1.58
Houston (NL)	4	4	1	24	1-2	28	15	13	5	5.63

Had a very impressive 1970 season...led Southern League in shutouts (5), tied, for lead in total victories (13)...pitched four complete games in five starts, with excellent ERA and hit ratio, at Oklahoma City...threw complete-game victory against San Diego in major league debut (Sept. 7)...with an outstanding career hit ratio and almost a strikeout an inning, he's a good bat to stick with the Astros all of 1971...was one of several young pitchers who impressed in 1970 spring action with Houston.

MAJOR LEAGUE RECORD

1970—Houston (NL)

	G	IP	W-L	H	ER	SO	BB	ERA
1 year	4	24	1-2	28	15	13	5	5.63

KEN FORSCH (Continued)

LIFETIME MAJOR LEAGUE BATTING

AB	H	2B	3B	HR	RBI	SB	AVG.
6	0	0	0	0	0	0	.000

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1968	Greensboro	Carolina	3	6	0-0	6	6	3	3.00
1968	Williamsport	NY-P	4	26	1-2	14	40	9	1.38
1969	Peninsula	Carolina	17	94	6-5	67	100	53	3.16
1970	Columbus	Southern	22	167	13-8	135	152	39	2.05
1970	Oklahoma City	A.A.	5	40	4-0	25	37	10	1.58
1970	Houston	N.L.	4	24	1-2	28	13	5	5.63

CESAR GERONIMO

20

OUTFIELDER—Bats left. Throws left. Born March 11, 1948, at El Seibo, Dominican Republic. Height 6-2. Weight 164. Single. Home: El Seibo, Dominican Republic.

1967—Signed by New York (AL) as free agent.

1968—Drafted by Houston from Syracuse (IL) for \$8,000, Dec. 2.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Columbus (Southern)	74	264	71	9	4	0	21	5	.269
Houston (NL)	47	37	9	0	0	0	2	0	.243

Good defensive outfielder with an excellent arm...has been utilized primarily as pinch-hitter and pinch-runner with Astros last two seasons, but has been impressive in occasional outfield assignments...drafted by Astros out of the New York Yankees' organization in the winter of 1968.

MAJOR LEAGUE RECORD

1969-70—Houston (NL).

2 years	G	AB	H	2B	3B	HR	RBI	SB	AVG.
	75	45	11	0	0	0	2	0	.244

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1967	Oneonta	N.Y. P.	4	10	1	0	0	0	1	0	.100
1967	Johnson City	Appal.	18	14	1	0	0	0	0	0	.071
1968	Ft. Lauderdale	Fla. St.	109	324	63	11	5	1	27	7	.194
1969	Houston	NL	28	8	2	0	0	0	0	0	.250
1970	Columbus	Southern	74	264	71	9	4	0	21	5	.269
1970	Houston	N.L.	47	37	9	0	0	0	2	0	.243

FRED GLADDING

48

PITCHER—Bats left. Throws right. Born June 28, 1936, at Flat Rock, Mich. Height 6-0. Weight 225. Married Margie Lee Clotfelter Sept. 19, 1960. Home: Knoxville, Tenn.

1956—Signed by Detroit Tigers as free agent.

1967—Traded to Houston, Nov. 22, in exchange for infielder Eddie Mathews, acquired by Detroit on Aug. 17.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Houston (NL)	41	0	0	71	7-4	84	32	46	24	4.06

Picked up 18 saves in 1970, giving him 47 in the last two years...had five saves in June, four in August...either won or saved at least one game against each club but Cubs...in one 12-appearance span (Aug. 13-Sept. 8), he had eight saves and three decisions...his seven wins tied his personal major league season high...his 63 appearances last season broke Claude Raymond's club record of 62.

MAJOR LEAGUE RECORD

1961-62-63-64-65-66-67—Detroit (AL). 1968-69-70—Houston (NL).

10 years	G	IP	W-L	H	ER	SO	BB	ERA
	344	484	37-23	459	174	350	185	3.24

GLADDING (Continued)

LIFETIME MAJOR LEAGUE BATTING

AB	H	2B	3B	HR	RBI	SB	AVG
56	1	0	0	0	1	0	.018

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1956	Valdosta	Ga.-Fla.	35	199	11-9	166	167	86	2.76
1957	Valdosta	Ga.-Fla.	37	217	16-8	185	185	93	2.12
1958	Charleston	AA	3	5	0-2	8	4	6	10.80
1958	Birmingham	South.	3	7	0-1	8	6	6	7.71
1958	Augusta	Sally	30	163	12-7	136	101	68	3.04
1959	Birmingham	South.	7	39	2-3	39	22	30	5.54
1959	Knoxville	Sally	20	81	6-2	92	52	42	3.56
1960	Birmingham	South.	1	1	0-0	5	0	2	45.00
1960	Knoxville	Sally	23	122	9-5	102	100	45	2.43
1960	Denver	AA	14	65	3-2	57	44	14	2.35
1961	Denver	AA	17	86	7-3	80	73	26	2.20
1961	Detroit	AL	8	16	1-0	18	11	11	3.38
1962	Denver	AA	46	113	6-12	121	78	50	3.82
1962	Detroit	AL	6	5	0-0	3	4	2	0.00
1963	Syracuse	Intl.	37	71	4-2	74	72	20	3.93
1963	Detroit	AL	22	27	1-1	19	24	14	2.00
1964	Syracuse	Intl.	7	17	2-1	9	18	6	1.59
1964	Detroit	AL	42	67	7-4	57	59	27	3.09
1965	Detroit	AL	46	70	6-2	63	43	29	2.83
1966	Detroit	AL	51	74	5-0	62	57	29	3.28
1967	Detroit	AL	42	77	6-4	62	63	19	1.99
1968	Houston	NL	7	4	0-0	8	2	3	15.75
1969	Houston	NL	57	71	4-8	83	40	27	4.19
1970	Houston	N.L.	63	71	7-4	84	46	24	4.06

BILL GREIF (GRIFE)

52

PITCHER—Bats switch. Throws right. Born April 25, 1950, at Fort Stockton, Tex. Height 6-4. Weight 196. Single. Home: Austin, Tex. Attending University of Texas in off-season.

1968—Signed by Houston as free agent (No. 3 selection, regular phase, June).

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Columbus (Southern)	27	27	10	190	10-12	77	61	131	54	2.89

Had strong 1970 season for Columbus' Southern League pennant-winners, with good ERA and strong hit ratio and strikeout totals... appears to be recovered from arm trouble that limited his 1969 action... saw limited duty with Astros in 1970 spring training... former baseball and football star at Reagan (Austin, Tex.) High.

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1968	Covington	Rookie	15	76	5-4	64	92	29	2.84
1969	Peninsula	Carolina	11	30	1-4	23	27	17	3.30
1970	Columbus	Southern	27	190	10-12	77	131	54	2.89

TOM GRIFFIN

38

PITCHER—Bats right. Throws right. Born Feb. 22, 1948, at Los Angeles, Calif. Height 6-2. Weight 200. Married. Home: Houston. Attended Valley Junior College and Pierce Junior College.

1966—Signed by Houston as free agent (No. 1 selection, regular phase, January).

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Houston (NL)	23	20	2	111	3-13	118	71	72	72	5.76
Oklahoma City (AA)	5	5	1	28	3-2	23	4	27	16	1.29

Shoulder problems and wildness made his "sophomore" season unsuccessful... pitched excellent baseball in brief late-season stint with Oklahoma City... his return to his 1969 rookie form would give the Astros a big lift in '71... as a rookie, he set Houston records for rookie wins (11) and strikeouts (200), and was selected NL rookie pitcher of the year by The Sporting News... did manage to throw a 1970 one-hitter (April 19 vs. Padres)... has good assortment of pitches (slider is particularly good) and a strong arm... good hitter, who often was used as a pinch-hitter in the minor leagues... all-city and all-league selection in baseball and football at Grant High, Van Nuys, Calif.

TOM GRIFFIN (Continued)

MAJOR LEAGUE RECORD

1969-70—Houston (NL).

2 years	G	IP	W-L	H	ER	SO	BB	ERA
	54	299	14-23	274	145	272	165	4.36

LIFETIME MAJOR LEAGUE BATTING

AB	H	2B	3B	HR	RBI	SB	AVG
95	11	2	0	2	9	0	.116

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1966	Bismarck	Northern	11	46	3-5	44	66	29	5.67
1966	Amarillo	Texas	2	2	0-1	9	6	7	5.14
1967	Oklahoma City	PCL	8	34	0-5	38	30	27	5.82
1967	Asheville	Carolina	12	58	3-4	66	50	23	5.59
1968	Oklahoma City	PCL	29	168	7-14	157	144	94	4.34
1969	Houston	NL	31	188	11-10	156	200	93	3.54
1970	Houston	A.A.	5	28	3-2	23	27	16	1.29
1970	Houston	N.L.	23	111	3-13	118	72	72	5.76

SKIP GUINN (gwin)

35

PITCHER—Bats right. Throws left. Born Oct. 25, 1944, at St. Charles, Mo. Height 5-10. Weight 180. Married. Home: Los Angeles, Calif.

1964—Signed as a free agent by Milwaukee Braves organization.

1968—Purchased by Montreal Expos in National League expansion draft.

1969—Acquired by Houston, April 3, with Jack Billingham and an undisclosed amount of cash to complete an earlier trade that sent Rusty Staub to Montreal and Jesus Alou to Houston.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Oklahoma City (AA)	29	14	3	117	4-8	120	50	116	48	3.85

Divided time between starting rotation and bullpen for Oklahoma City in 1970...posted good strikeout total and good hit ratio figures...had worked in relief for Astros in 1969...was Montreal's No. 3 pitching selection (and No. 9 overall pick) in 1968 NL expansion draft...had 7-inning no-hitter for West Palm Beach in 1965...sinking fast ball is his best pitch.

MAJOR LEAGUE RECORD

1968—Atlanta (NL). 1969—Houston (NL).

2 years	G	IP	W-L	H	ER	SO	BB	ERA
	31	32	1-2	37	23	37	24	6.46

LIFETIME MAJOR LEAGUE BATTING

AB	H	2B	3B	HR	RBI	SB	AVG
3	0	0	0	0	0	0	.000

COMPLETE PROFESSIONAL RECORD

YEAR	TEAM	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1964	Sarasota	Rookie	1	3	0-0	3	1	3	3.00
1965	W. Palm Beach	Fla. St.	23	125	8-7	78	140	79	2.45
1966	Kinston	Carolina	28	169	10-10	140	171	105	3.94
1967	Austin	Texas	20	133	7-6	121	129	49	3.86
1967	Richmond	Intl.	9	28	2-3	13	29	8	3.21
1968	Richmond	Intl.	9	48	3-3	56	40	16	5.25
1968	Shreveport	Texas	3	17	1-2	20	22	2	4.76
1968	Atlanta	NL	3	5	0-0	3	4	3	3.60
1969	Houston	NL	28	27	1-2	34	33	21	6.67
1969	Savannah	Southern	1	7	1-0	2	8	0	0.00
1970	Okla. City	A.A.	29	117	4-8	120	116	48	3.85

BUDDY HARRIS

46

PITCHER—Bats right. Throws right. Born Dec. 5, 1948, at Philadelphia, Pa. Height 6-7. Weight 250. Married. Home: Philadelphia, Pa. Attended University of Miami (Fla.).

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Columbus (Southern)	25	25	13	205	11-9	134	46	159	43	2.02
Houston (NL)	2	0	0	6	0-0	6	4	2	0	6.00

BUDDY HARRIS (Continued)

Giant young pitcher who had another exceptional season in 1970...led Southern League with 13 complete games...had outstanding hit ratio in 1970 and strong 2.02 ERA for Southern League champs...led Rookie League in strikeouts in 1968 (107 in 64 innings), had 1.84 ERA with Peninsula in 1969, but lacked a few innings for qualifying for league championship...a low-hit pitcher with impressive strikeout totals through his three-year pro career...his best pitch is the fast ball.

MAJOR LEAGUE RECORD

1970—Houston (NL).

1 year	G	IP	W-L	H	ER	SO	BB	ERA
	2	6	0-0	6	4	2	0	6.00

LIFETIME MAJOR LEAGUE BATTING

	AB	H	2B	3B	HR	RBI	SB	AVG.
	1	0	0	0	0	0	0	.000

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1968	Oklahoma City	PCL	1	1	0-0	4	0	3	54.00
1968	Covington	Rookie	11	64	5-2	61	107	20	2.25
1968	Cocoa	Fla. State	1	6	0-0	7	10	4	0.00
1969	Peninsula	Carolina	19	122	12-4	95	129	50	1.84
1970	Columbus	Southern	25	205	11-9	134	159	43	2.02
1970	Houston	N.L.	2	6	0-0	6	2	0	6.00

JACK HIATT

8

CATCHER—Bats right. Throws right. Born July 27, 1942, at Bakersfield, Calif. Height 6-2. Weight 190. Single. Home: San Mateo, Calif. Attended Pierce Junior College.

1961—Signed by California Angels as free agent.

1964—Traded to San Francisco Giants, Nov. 21.

1970—Purchased by Montreal Expos, April 7.

1970—Traded to Chicago Cubs for outfielder Boots Day, May 12.

1970—Purchased by Houston Astros, Dec. 1.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Montreal (NL)	17	43	14	2	0	0	7	0	.325
Chicago (NL)	66	178	43	12	1	2	22	0	.242

Acquired by Astros as backup catcher and pinch-hitter, also can fill in at first base...with four different major league clubs (Angels, Giants, Expos, Cubs), he has hit safely in his first time at bat...had seven RBI in one game for 1969 Giants...originally signed by Angels, reached majors after hitting .308 for Hawaii in 1964.

MAJOR LEAGUE RECORD

1964—California (A.L.). 1965-66-67-68-69—San Francisco (NL).

1970—Montreal (NL), Chicago (NL).

7 years	G	AB	H	2B	3B	HR	RBI	SB	AVG.
	382	898	221	40	3	20	133	0	.246

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1961	Statesville	W. Carolinas	96	332	108	20	4	3	69	13	.325
1962	San Jose	California	106	314	99	21	2	2	32	5	.315
1963	Tri-City	Northwest	85	261	83	10	0	2	36	3	.318
1963	Hawaii	P.C.L.	4	5	0	0	0	0	0	0	.000
1964	Hawaii	P.C.L.	125	406	125	20	6	23	83	1	.308
1964	California	A.L.	9	16	6	0	0	0	2	0	.375
1965	San Francisco	N.L.	40	67	19	4	0	1	7	0	.284
1965	Tacoma	P.C.L.	33	102	29	8	0	2	15	0	.284
1966	Phoenix	P.C.L.	106	337	91	18	3	13	68	0	.270
1966	San Francisco	N.L.	18	23	7	2	0	0	1	0	.304
1967	San Francisco	N.L.	73	153	42	6	0	6	26	0	.275
1968	San Francisco	N.L.	90	224	52	10	2	4	34	0	.232
1969	San Francisco	N.L.	69	194	38	4	0	7	34	0	.196
1970	Montreal	N.L.	17	43	14	2	0	0	7	0	.325
1970	Chicago	N.L.	66	178	43	12	1	2	22	0	.242

LARRY HOWARD

10

CATCHER—Bats right. Throws right. Born June 6, 1945, at Columbus, Ohio. Height 6-3. Weight 200. Married. Home: Abilene, Texas.

1963—Signed by Houston as free agent, June.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Oklahoma City (AA)	83	268	81	21	1	12	51	1	.302
Houston (NL)	31	88	27	6	0	2	16	0	.307

Did an impressive job with 1970 Astros after joining the club in early August...started 22 games behind the plate, allowed only six steals while throwing out seven runners...his .307 average with Houston is the third best he ever compiled in an eight-year pro career...was converted to catcher in Instructional League after the 1967 season...rugged, durable and aggressive player.

MAJOR LEAGUE RECORD

1970—Houston (NL).

1 year	G	AB	H	2B	3B	HR	RBI	SB	AVG.
	31	88	27	6	0	2	16	0	.307

COMPLETE PROFESSIONAL RECORD

YEAR CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1963 Moultrie	Ga.-Fla.	49	148	32	5	1	1	15	2	.216
1964 Statesville	W. Carolina	107	375	90	17	3	10	69	2	.240
1965 Salisbury	W. Carolina	100	335	82	17	1	10	62	4	.245
1966 Durham	Carolina	100	337	100	14	4	13	70	6	.297
1966 Amarillo	Texas	22	68	23	6	1	4	19	2	.338
1967 Amarillo	Texas	22	46	15	3	3	1	14	1	.326
1967 Okla. City	P.C.L.	68	170	46	7	1	2	18	0	.271
1968 Dallas-FW	Texas	62	193	47	10	3	4	20	1	.244
1968 Okla. City	P.C.L.	14	40	7	1	0	1	2	1	.175
1969 Okla. City	A.A.	54	200	47	9	2	3	17	1	.235
1970 Okla. City	A.A.	83	268	81	21	1	12	51	1	.302
1970 Houston	N.L.	31	88	27	6	0	2	16	0	.307

CLIFF JOHNSON

6

CATCHER—Bats right. Throws right. Born July 22, 1947, at San Antonio, Tex. Height 6-4. Weight 215. Single. Home: San Antonio, Tex.

1966—Signed by Houston as free agent (No. 5 selection, regular phase, June).

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Raleigh-Durham (Carolina)	102	343	114	24	0	27	91	6	.332
Oklahoma City (AA)	22	55	21	4	1	1	5	0	.382

Named Carolina League's player of the year, leading league in homers (27), grand slams (3), RBI's (91), intentional walks (13)...finished up impressively at Oklahoma City...almost half his Carolina League hits (51 of 114) were for extra bases...lacked a handful of appearances to qualify for batting championship.

COMPLETE PROFESSIONAL RECORD

YEAR CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1967 Cocoa	Fla. State	53	156	41	5	1	4	20	0	.263
1967 Covington	Appalachian	36	110	34	7	2	5	24	0	.309
1968 Cocoa	Fla. State	117	353	102	17	3	10	61	3	.289
1969 Newport News	Carolina	103	327	75	16	1	11	54	4	.229
1970 Raleigh-Durham	Carolina	102	343	114	24	0	27	91	6	.332
1970 Okla. City	A.A.	22	55	21	4	1	1	5	0	.382

KEITH LAMPARD

26

OUTFIELDER—Bats left. Throws right. Born Dec. 20, 1945, at Warrington, England. Height 6-2. Weight 200. Married. Home: Portland, Ore. Attended University of Oregon

1965—Signed by Houston as free agent (No. 2 selection, regular phase, June).

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Oklahoma City (AA)	4	14	1	0	0	0	1	0	.071
Houston (NL)	53	72	17	8	1	0	5	0	.236

KEITH LAMPARD (Continued)

Tied four Houston pinch-hitting records in 1970 (games, at bat, times on base, walks)...played some outfield and a couple of games as reserve first baseman...had unusual year, hitting .333 on road, .121 in Astrodome...made impressive major league debut with Astros at end of 1969, winning one game (vs. Reds) with pinch homer in ninth inning...has hit well throughout his career...was 14-0 as pitcher and .380 hitter for three seasons at Madison High, Portland.

MAJOR LEAGUE RECORD

1969-70 — Houston (NL).

2 years	G	AB	H	2B	3B	HR	RBI	SB	AVG.
	62	64	20	8	1	1	7	0	.238

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1965	Salisbury	W. Caro.	41	140	30	5	1	2	14	1	.214
1966	Salisbury	W. Caro.	57	226	77	11	1	15	60	3	.341
1966	Durham	Carolina	52	201	55	11	3	9	27	2	.274
1966	Oklahoma City	PCL	20	66	20	4	3	0	6	1	.303
1967	Amarillo	Texas	114	420	119	19	2	22	74	5	.283
1968	Oklahoma City	PCL	106	383	102	22	2	11	53	1	.266
1969	Oklahoma City	AA	111	424	122	17	9	21	94	3	.288
1969	Houston	NL	9	12	3	0	0	1	2	0	.250
1970	Okl. City	A.A.	4	14	1	0	0	0	1	0	.071
1970	Houston	N.L.	53	72	17	8	1	0	5	0	.236

DENNY LEMASTER

23

PITCHER — Bats right. Throws left. Born Feb. 25, 1939, at Corona, Calif. Height 6-2. Weight 185. Married. Home: Oxnard, Calif.

1958 — Signed by Milwaukee Braves as free agent.

1967 — Traded to Houston with infielder Denis Menke for infielder Sonny Jackson and Chuck Harrison, Oct. 8.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Houston (NL)	39	21	3	162	7-12	169	82	103	65	4.56

Converted from starter to reliever in late July last season... finished year with four strong bullpen jobs...picked up one win, no losses, three saves as bullpenner...being counted on heavily to beef up Astro relief corps in future seasons...was named to NL all-star team in 1967, but couldn't play because of injury...excellent fisherman who is perennial winner or high finisher in spring major league fishing tourney in Florida...given name is Denver.

MAJOR LEAGUE RECORD

1962-63-64-65-66-67 — Milwaukee-Atlanta (NL). 1968-69-70 — Houston (NL).

9 years	G	IP	W-L	H	ER	SO	BB	ERA
	302	1708	88-103	1616	672	1264	572	3.54

LIFETIME MAJOR LEAGUE BATTING

	AB	H	2B	3B	HR	RBI	SB	AVG.
	543	70	7	1	4	29	0	.129

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1958	Eau Claire	North.	8	51	4-2	37	59	33	2.82
1959	Jacksonville	Sally	32	172	11-17	239	150	122	3.56
1960	Austin	Tex.	30	198	14-6	169	181	126	3.73
1961	Vancouver	PCL	14	53	2-6	60	42	33	5.09
1961	Louisville	AA	16	104	6-4	91	98	46	3.98
1962	Louisville	AA	18	124	10-4	96	125	41	2.40
1962	Milwaukee	NL	17	87	3-4	75	69	32	3.00
1963	Milwaukee	NL	46	237	11-14	199	190	85	3.04
1964	Milwaukee	NL	39	221	17-11	216	185	75	4.15
1965	Milwaukee	NL	32	146	7-13	140	111	58	4.44
1966	Atlanta	NL	27	171	11-8	170	139	41	3.74
1967	Atlanta	NL	31	215	9-9	184	148	72	3.35
1968	Houston	NL	33	224	10-15	231	146	72	2.81
1969	Houston	NL	38	245	13-17	232	173	72	3.16
1970	Houston	N.L.	39	162	7-12	169	103	65	4.56

MARTY MARTINEZ (mar-TEEN-is)

14

INFIELDER—Bats switch. Throws right. Born Aug. 23, 1941, at Havana, Cuba. Height 6-1. Weight 175. Married. Home: Kansas City, Mo. Attended Havana University and University of Mexico.

1959—Signed as free agent by Minnesota.

1966—Drafted by Atlanta from Denver (PCL), November.

1968—Traded to Houston for Bob Aspromonte, December 4.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Houston (NL)	75	150	33	3	0	0	12	0	.220

Played four positions (second, third, short, catcher) and pinch-hit in 1970...one of the major leagues' most versatile players, had seen action at five spots in 1969...was key utility man for Braves in 1967-68...was all-star selection in Carolina League in 1961...given name is Orlando.

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
5 years	347	795	200	15	9	0	47	6	.252

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1960	Erie	NY-P	86	297	66	7	1	0	24	3	.222
1961	Wilson	Carolina	139	472	125	18	5	1	56	12	.265
1962	Minnesota	AL	37	18	3	0	1	0	3	0	.167
1963	Dallas-FW	PCL	13	36	7	0	0	0	2	0	.194
1963	Charlotte	Sally	110	349	67	6	2	2	30	6	.192
1964	Atlanta	IL	128	409	82	17	0	1	24	5	.200
1965	Denver	PCL	131	386	95	17	3	0	27	6	.246
1966	Denver	PCL	97	307	96	11	1	0	32	10	.313
1967	Atlanta	NL	44	73	21	2	1	0	5	0	.288
1968	Atlanta	NL	113	356	82	5	3	0	12	6	.230
1969	Houston	NL	78	198	61	5	4	0	15	0	.308
1970	Houston	N.L.	75	150	33	3	0	0	12	0	.220

JOHN MAYBERRY

33

FIRST BASEMAN—Bats left. Throws left. Born Feb. 18, 1950, at Detroit, Mich. Height 6-3. Weight 220. Single. Home: Detroit, Mich. Attended University of Michigan.

1967—Signed by Houston as free agent (No. 1 selection, regular phase, June).

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Oklahoma City (AA)	70	231	63	7	3	13	38	5	.273
Houston (NL)	50	148	32	3	2	5	14	1	.216

Probably as highly-regarded as any young prospect in the country...had top spring exhibition season with Astros last year, but got away to slow start when NL race opened and saw comparatively little action...played quite well defensively...had been named to just about all the all-star teams in 1969 when he had a great year in AAA ball...ideal temperament for baseball...he'll be barely old enough to vote when spring training opens, and should have a great career ahead of him.

MAJOR LEAGUE RECORD

1968-69-70—Houston (NL).

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
3 years	59	161	32	3	2	5	14	1	.199

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1967	Covington	Appal.	50	155	39	7	0	4	21	2	.252
1968	Cocoa	Fla. St.	64	195	66	9	3	14	48	1	.338
1968	Greensboro	Caro.	43	158	52	14	1	8	29	2	.329
1968	Oklahoma City	PCL	24	78	20	0	0	1	5	0	.256
1968	Houston	NL	4	9	0	0	0	0	0	0	.000
1969	Oklahoma City	AA	123	453	139	29	4	21	78	3	.303
1969	Houston	NL	5	4	0	0	0	0	0	0	.000
1970	Okla. City	A.A.	70	231	63	7	3	13	38	5	.273
1970	Houston	N.L.	50	148	32	3	2	5	14	1	.216

DENNIS MENKE

11

INFIELD—Bats right. Throws right. Born July 21, 1940, at Bancroft, Iowa. Height 6-0. Weight 180. Married. Home: Chamblee, Ga.

1958—Signed by Milwaukee Braves as a free agent.

1967—Traded to Houston by Atlanta with pitcher Denny Lemaster for shortstop Sonny Jackson and first baseman Chuck Harrison, Oct. 8.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Houston (NL)	154	562	171	26	6	13	92	6	.304

Had his first over-300 major league season in 1970...led Astros in hits, triples, RBI...his final 1970 base hit (vs. Giants, Oct. 1) was No. 1,000...has batted in 182 runs the last two years, reaching his personal high of 92 last season...holds Houston records for most RBI by both a second baseman and a shortstop, plus most homers by a shortstop...was Houston's MVP in 1968...has drastically improved his batting average each of the last three years...played six different positions during the 1970 season (all four infield spots plus left and right field)...tied a National League record by drawing three intentional walks on May 23, 1964...tied major league shortstop record of five double plays on May 4, 1969.

MAJOR LEAGUE RECORD

1962-63-64-65-66-67—Milwaukee-Atlanta (NL). 1968-69-70—Houston (NL).

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
8 years	1143	3879	1000	169	35	88	486	29	.258

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1958	Cedar Rapids	III.	13	45	12	2	0	1	6	1	.267
1958	Midland	Soph.	66	246	70	10	2	8	54	1	.285
1959	Cedar Rapids	III.	89	301	76	13	1	8	25	2	.252
1960	Yakima	NW	140	473	159	26	7	28	103	14	.336
1961	Vancouver	PCL	137	434	127	23	6	15	73	11	.293
1962	Milwaukee	NL	50	146	28	3	1	2	16	0	.192
1962	Toronto	Intl.	79	263	71	15	2	10	46	4	.270
1963	Milwaukee	NL	146	518	121	16	4	11	50	6	.234
1964	Milwaukee	NL	151	505	143	29	5	20	65	4	.283
1965	Milwaukee	NL	71	181	44	13	1	4	18	1	.243
1966	Atlanta	NL	138	454	114	20	4	15	60	0	.251
1967	Atlanta	NL	129	418	95	14	3	7	39	4	.227
1968	Houston	NL	150	542	135	23	6	6	56	5	.249
1969	Houston	NL	154	553	149	25	5	10	90	2	.269
1970	Houston	N.L.	154	562	171	26	6	13	92	6	.304

ROGER METZGER

15

INFIELDER—Bats left. Throws right. Born Oct. 10, 1947, at Fredericksburg, Tex. Height 6-0. Weight 165. Single. Home: San Antonio, Tex. Graduate of St. Edward's University, Austin, Tex.

1969—Signed by Chicago Cubs as free agent, June.

1970—Traded to Houston Astros for infielder Hector Torres, Oct. 13.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Tacoma (PCL)	134	492	133	20	7	1	32	12	.270
Chicago (NL)	1	2	0	0	0	0	0	0	.000

Promising shortstop prospect, who went directly from amateur ball to Class AAA level in 1969...former all-star high school player at San Antonio, then named to all-conference and NCAA College Division and NAIA all-America teams while at St. Edward's...regarded as standout defensive player with good speed and range...led PCL shortstops in assists (483)...will get a real long look during spring training.

MAJOR LEAGUE RECORD

1970—Chicago (NL).

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1 year	1	2	0	0	0	0	0	0	.000

METZGER (Continued)

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1969	Tacoma	P.C.L.	80	250	58	3	2	0	15	19	.232
1970	Tacoma	P.C.L.	134	492	133	20	7	1	32	12	.270
1970	Chicago	N.L.	1	2	0	0	0	0	0	0	.000

NORM MILLER

21

OUTFIELDER—Bats left. Throws right. Born Feb. 5, 1946, at Los Angeles, Calif. Height 5-11. Weight 185. Married. Home: Houston, Tex.

1964—Signed as free agent by Los Angeles Angels.

1964—Drafted by Houston as first-year player from Quad Cities (Midwest), Dec. 1.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Houston (NL)	90	226	54	9	0	4	29	3	.239

Played primarily right field, also saw action in the other two fields, as well as in pinch-hitting role in 1970...for the second time in three years, opened the season with a first-game homer...was hitting .290 when he went into military service in late June...started playing semi-pro ball when he was 14 years old...an all-league pick in baseball and football at Van Nuys, Calif.. High School.

MAJOR LEAGUE RECORD

1965-66-67-68-69-70—Houston (NL).

6 years:	G	AB	H	2B	3B	HR	RBI	SB	AVG.
	374	1131	270	57	10	16	125	15	.239

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1964	Quad Cities	Midwest	53	183	55	11	3	8	30	15	.301
1965	Amarillo	Texas	133	457	132	21	6	20	92	7	.289
1965	Houston	NL	11	15	3	0	1	0	1	0	.200
1966	Oklahoma City	PCL	91	274	67	11	5	8	30	1	.245
1966	Houston	NL	11	34	5	0	0	1	3	0	.147
1967	Oklahoma City	PCL	10	32	13	0	2	1	10	0	.406
1967	Houston	NL	64	190	39	9	3	1	14	2	.205
1968	Oklahoma City	PCL	28	98	30	5	2	1	10	1	.306
1968	Houston	NL	79	257	61	18	2	6	28	6	.237
1969	Houston	NL	119	409	108	21	4	4	50	4	.264
1970	Houston	N.L.	90	226	54	9	0	4	29	3	.239

JOE MORGAN

18

SECOND BASEMAN—Bats left. Throws right. Born Sept. 19, 1943, at Bonham, Tex. Height 5-7. Weight 150. Married. Home: Houston, Tex. Attended Oakland City College.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Houston (NL)	144	548	147	28	9	8	52	42	.268

Named Astros' 1970 MVP for his sparkling all-around play...ranked fourth in NL in stolen bases with 42, has swiped 91 the last two years...ranked second in NL in total chances and double plays for second baseman...batted in 52 runs, a personal major league high, pounding out 45 extra-base hits...brought his batting average up 32 points to .268...after return from June military service last year, he stole 31 bases while being caught only three times...had more than 100 walks and runs...was Texas League MVP in 1964, then Sporting News' NL rookie of the year in '65...elected to start 1966 All-Star game, missed it with an injury...played at Oakland's Castlemont High...nicknamed "Little Joe."

MAJOR LEAGUE RECORD

1963-64-65-66-67-68-69-70—Houston (NL).

8 years	G	AB	H	2B	3B	HR	RBI	SB	AVG.
	731	2685	711	109	47	48	222	155	.265

JOE MORGAN (Continued)

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1963	Modesto	Calif.	45	152	40	5	3	5	27	5	.263
1963	Durham	Carol.	95	322	107	20	2	13	43	7	.332
1963	Houston	NL	8	25	6	0	1	0	3	1	.240
1964	San Antonio	Texas	140	496	160	42	8	12	90	47	.323
1964	Houston	NL	10	37	7	0	0	0	0	0	.189
1965	Houston	NL	157	601	163	22	12	14	40	20	.271
1966	Houston	NL	122	425	121	14	8	5	42	11	.285
1967	Houston	NL	133	494	136	27	11	6	42	29	.275
1968	Houston	NL	10	20	5	0	1	0	0	3	.250
1969	Houston	NL	147	535	126	18	5	15	43	49	.236
1970	Houston	N.L.	144	548	147	28	9	8	52	42	.268

DOUG RADER

12

THIRD BASEMAN—Bats right. Throws right. Born July 30, 1944, at Chicago, Ill. Height 6-2. Weight 210. Married. Home: Atlanta, Ga. Attended Illinois Wesleyan University.

1964—Signed as a free agent, September 13 for 1965 contract.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Houston (NL)	156	576	145	25	3	25	87	3	.252

Had another excellent season in 1970, both offensively and defensively...hit 25 home runs and batted in 87 runs, both personal career highs...named to the NL Gold Glove Team for his defensive play around third base...set Houston club record by knocking in runs in six consecutive games...put together Astros' longest 1970 hitting streak, 17 games (April 25-May 14)...regarded by most as one of the National League's premier young players...broke into the NL in 1967, hitting .333 over the final third of the year...can play first base as well as third...nicknamed "Red Rooster"...attended Illinois Wesleyan College after starring at Bloomington High (Northbrook, Ill.)...was Texas League all-star third baseman in 1966.

MAJOR LEAGUE RECORD

1967-68-69-70—Houston (NL).

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
4 years	456	1640	428	76	14	44	239	6	.261

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1965	Durham	Carolina	112	330	69	14	1	14	38	1	.209
1966	Amarillo	Texas	138	527	153	21	12	16	49	10	.290
1967	Oklahoma City	PCL	75	273	80	23	5	9	44	3	.293
1967	Houston	NL	47	162	54	10	4	2	26	0	.333
1968	Houston	NL	98	333	89	16	4	6	43	2	.267
1969	Houston	NL	155	569	140	25	3	11	83	1	.246
1970	Houston	N.L.	156	576	145	25	3	25	87	3	.252

JIM RAY

45

PITCHER—Bats right. Throws right. Born Dec. 1, 1944, at Rock Hill, S. C. Height 6-1. Weight 195. Married. Home: Holly, Mich.

1962—Signed by Baltimore Orioles as free agent.

1963—Drafted as first-year player by Houston, Dec. 2.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Houston (NL)	52	2	0	105	6-3	97	38	67	49	3.26

Has put together three good seasons in a row...over last two years, has a 14-5 record...racked up five saves in 1970...was especially effective down the home stretch, allowing only two runs in 10 appearances after Aug. 15...continued his good major league hit ratio last season, and improved his ERA to 3.26, best on the Houston staff...fine all-around athlete who played four sports in high school.

JIM RAY (Continued)

MAJOR LEAGUE RECORD

1965-66-68-69-70—Houston (NL).

	G	IP	W-L	H	ER	SO	BB	ERA
5 years	137	307	16-10	278	121	258	129	3.55

LIFETIME MAJOR LEAGUE BATTING

AB	H	2B	3B	HR	RBI	SB	AVG.
70	9	0	0	0	4	0	.129

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1963	Bluefield	Appal.	9	50	5-0	33	78	37	2.88
1963	Appleton	Midwest	1	2	0-1	2	2	0	0.00
1964	San Antonio	Texas	16	92	4-4	76	77	55	3.72
1965	Durham	Carolina	8	63	5-3	46	85	37	2.57
1965	Amarillo	Texas	13	70	4-4	51	61	31	2.83
1965	Houston	NL	3	8	0-2	11	7	6	10.13
1966	Oklahoma City	PCL	29	127	8-7	111	108	69	3.97
1966	Houston	NL	1	0	0-0	0	0	1	—
1967	Oklahoma City	PCL	20	104	3-11	95	95	54	4.24
1967	Amarillo	Texas	10	83	8-1	58	85	44	1.30
1968	Houston	NL	41	81	2-3	65	71	25	2.67
1969	Houston	NL	40	115	8-2	105	115	48	3.91
1970	Houston	NL	52	105	6-3	97	67	49	3.26

JAMES RODNEY RICHARD

60

PITCHER—Bats right. Throws right. Born March 27, 1950, at Vienna, La. Height 6-8. Weight 222. Married. Hometown: Ruston, La.

1969—Signed by Houston as free agent (No. 1 selection, regular phase, June).

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Cocoa (Fla. State)	19	19	4	109	4-11	67	29	138	68	2.39

Non-roster player this spring...giant youngster who has overpowering fast ball, but who obviously lacks control...was with Astros last spring for special work...had a no-hitter for Cocoa last season (vs. Daytona Beach)...has outstanding hit ratio for his first two years of pro ball.

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1969	Covington	Appal.	12	56	5-4	51	71	52	6.59
1970	Cocoa	Fla. State	19	109	4-11	67	138	68	2.39

MARK SCHAEFFER

30

PITCHER—Bats left. Throws left. Born June 5, 1948, at Santa Monica, Calif. Height 6-5. Weight 215. Single. Home: Canoga Park, Calif.

1966—Signed as free agent by Boston Red Sox (No. 2 choice, January).

1969—Acquired by Houston in AAA-level trade with Boston for Hal King, March.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Okla. City (AA)	25	22	2	107	4-7	120	62	78	79	5.21

Non-roster player this spring...control continues to be one of his major problems...although not yet 23, has pitched the last three seasons at AAA level.

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1966	Waterloo	Midwest	26	181	13-9	156	182	83	2.78
1967	Winston-Salem	Carolina	31	204	12-8	173	226	172	3.13
1968	Pittsfield	Eastern	11	68	3-5	38	71	39	2.65
1968	Louisville	Intl.	14	73	2-6	82	48	42	5.30
1969	Savannah	Southern	17	100	8-6	87	73	71	4.32
1969	Oklahoma City	AA	6	23	0-5	33	16	14	7.43
1970	Okla. City	A.A.	25	107	4-7	120	78	79	5.21

HOUSTON ASTROS

ALL HOME GAMES START AT 7:30 UNLESS OTHERWISE NOTED

APRIL

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			MARCH 31-L YANKS	1 YANKS	2 ASTROS YANKS 7:00 PM TWINS	3 TWINS
4-D-F TWINS	5 L.A.	6 L.A.	7-L L.A.	8 CHI.	9 CHI.	10 CHI.
11-D-F CHI.	12 ST.L. 8:00 PM	13-D ST.L. 12:30 PM	14-D S.F. 1:00 PM	15-D S.F. 1:00 PM	16 L.A. 3:00 PM	17 L.A. 7:00 PM
18-D L.A. 1:00 PM	19	20-D CHI. 1:30 PM	21-D CHI. 1:30 PM	22-D CHI. 1:30 PM	23 MONT.	24 MONT.
25-D-F MONT.	26 PHIL.	27 PHIL.	28-L PHIL.	29	30 N.Y.	

MAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 N.Y.
2-D-F N.Y. 3:00 PM	3	4 MONT. 8:05 PM	5 MONT. 8:05 PM	6 MONT. 8:05 PM	7 PHIL. 7:35 PM	8-D PHIL. 2:15 PM
9-D PHIL. 1:35 PM	10 N.Y. 8:05 PM	11 N.Y. 8:05 PM	12-D N.Y. 2:05 PM	13	14 ST.L.	15 ST.L.
16-D-F ST.L.	17 S.D.	18 S.D.	19-L S.D.	20 S.D.	21 S.F.	22 S.F.
23-D-F S.F.	24	25 S.D. 7:30 PM	26 (2-TN) S.D. 6:00 PM	27	28 CIN. 8:05 PM	29 CIN. 7:00 PM
30-D CIN. 2:15 PM	31-D CIN. 2:15 PM					

JUNE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 ATL. 8:05 PM	2 ATL. 8:05 PM	3 ATL. 8:05 PM	4 PITT. 8:05 PM	5 PITT. 7:05 PM
6-D PITT. 1:35 PM	7	8 CIN.	9-L CIN.	10 ATL.	11 ATL.	12 ATL.
13-D-F ATL.	14 PITT. 7:05 PM	15 PITT.	16-L PITT.	17	18 L.A. 8:00 PM	19 L.A. 7:00 PM
20-D L.A. 1:00 PM	21	22 S.D. 7:30 PM	23 (2-TN) S.D. 6:00 PM	24	25 S.F.	26 S.F.
27-D-F S.F.	28 (2-TN) ATL. 5:30 PM	29 ATL.	30			

☐ Home Games

D — Day Game (All games not so indicated are night games) DH — Doubleheader TWI-N — Twi-Night

1971 SCHEDULE

AWAY GAMES LISTED ARE ACTUAL TIMES IN CITIES OF PLAY

JULY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2 CIN.	3 CIN.
4-D-F CIN.	5 CIN.	6 S.F. 8:00 PM	7-D S.F. 1:00 PM	8-D S.F. 1:00 PM	9 (2-TN) ST.L. 5:30 PM	10 ST.L. 7:00 PM
11-D ST.L. 1:15 PM	12	13 ALL STAR GAME DETROIT	14	15 N.Y.	16 N.Y.	17-D N.Y. 5:00 PM
18-D-F PHIL. (2) 1:30 PM	19 PHIL.	20 MONT.	21-L MONT.	22 MONT.	23 N.Y. 8:05 PM	24-D N.Y. 4:05 PM
25-D N.Y. 2:05 PM	26 PHIL. 8:05 PM	27 PHIL. 7:35 PM	28 PHIL. 7:35 PM	29	30 MONT. 8:05 PM	31 MONT. 8:05 PM

AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1-D MONT. 2:15 PM	2 CHI.	3 CHI. 5:00 PM	4-L L.A.	5 L.A.	6 S.D.	7 S.D.
8-D-F S.D.	9	10 CIN. 8:05 PM	11 CIN. 8:05 PM	12 ATL. 8:05 PM	13 ATL. 8:05 PM	14 ATL. 8:05 PM
15-D ATL. 2:15 PM	16 PITT. 8:05 PM	17 PITT. 8:05 PM	18 PITT. 8:05 PM	19	20-D CHI. 1:30 PM	21-D CHI. 1:15 PM
22-D CHI. 1:15 PM	23 ST.L.	24 ST.L.	25-L ST.L.	26	27 PITT.	28 PITT.
29-D-F PITT.	30 L.A.	31 L.A.				

SEPTEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1-L L.A.	2 L.A.	3 S.F. 8:00 PM	4-D S.F. 1:00 PM
5-D (2) S.F. 12:00	6 ATL. 8:05 PM	7 ATL. 8:05 PM	8	9	10 CIN. 8:05 PM	11 CIN. 7:00 PM
12-D CIN. 2:15 PM	13 S.D.	14 S.D.	15-L ATL.	16 ATL.	17 CIN.	18-D CIN. 1:15 PM
19-D-F CIN.	20	21 S.F.	22-L S.F.	23 S.F.	24 S.D. 7:30 PM	25 S.D. 7:30 PM
26-D S.D. 1:00 PM	27	28 L.A. 8:00 PM	29 L.A. 8:00 PM	30 L.A. 8:00 PM		

Doubleheader L — Ladies Night F — Family Day

JAY SCHLUETER

50

OUTFIELDER—Bats right. Throws right. Born July 31, 1949, at Phoenix, Ariz. Height 6-0. Weight 182. Single. Home: Phoenix, Ariz.

1967—Signed by Houston as free agent (No. 2 selection, regular phase, June).

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Columbus (Southern)	110	387	85	14	5	10	44	6	.220

Exciting, crowd-pleasing outfielder who routinely makes "major league" defensive plays...his sensational catch robbed Atlanta's Hank Aaron of an extra-base hit in the 1970 Southern League All-Star game...got off to a fast start with the bat in 1970...although his average dipped, he led Columbus in homers (10) and ranked high among RBI leaders...has excellent speed and has the potential of being a great defensive player...that batting average remains as his No. 1 problem.

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1967	Covington	Appal.	21	70	17	3	0	2	5	4	.243
1968	Greensboro	Carolina	106	345	65	5	2	4	34	9	.188
1969	Peninsula	Carolina	46	155	29	7	1	1	15	5	.187
1969	Williamsport	NY-P	48	183	44	2	2	5	20	13	.240
1970	Columbus	Southern	110	387	85	14	5	10	44	6	.220

SCIPIO SPINKS (sip-e-oh SPINKS)

37

PITCHER—Bats right. Throws right. Born July 12, 1947, at Chicago, Ill. Height 6-1. Weight 185. Married. Home: Oklahoma City, Okla.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Oklahoma City (AA)	23	23	10	158	9-12	138	58	153	77	3.30
Houston (NL)	5	2	0	14	0-1	17	15	6	9	9.64

Ranked high among American Association pitchers in 1970...third in strikeouts, tied for second in complete games...all his figures (including his ratio and 3.30 ERA) were better than his 9-12 record...struck out 17 against divisional champion Denver on final day of regular season...briefly with Astros in early part of season...had a no-hitter for OC in 1969...enthusiastic player with a great sense of humor...has made rapid strides during his career...has averaged a strikeout an inning...regarded as a bona fide major league pitching prospect.

MAJOR LEAGUE RECORD

1969-70—Houston (NL).

2 years	G	IP	W-L	H	ER	SO	BB	ERA
	6	16	0-1	18	15	10	10	8.44

LIFETIME MAJOR LEAGUE BATTING

	AB	H	2B	3B	HR	RBI	SB	AVG.
	3	0	0	0	0	0	0	.000

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1966	Bismarck	Northern	15	39	1-1	17	52	26	2.54
1967	Cocoa	Fla. State	30	125	5-11	78	135	90	2.09
1967	Amarillo	Texas	1	6	0-1	6	2	5	4.50
1968	Greensboro	Carolina	29	120	9-6	83	139	76	2.33
1969	Oklahoma City	AA	28	143	7-11	144	118	117	5.48
1969	Houston	NL	1	2	0-0	1	4	1	0.00
1970	Okla. City	A.A.	23	158	9-12	138	153	77	3.30
1970	Houston	N.L.	5	14	0-1	17	6	9	9.64

DERREL THOMAS

16

INFIELDER—Bats switch. Throws right. Born Jan. 14, 1951, at Los Angeles, Calif. Height 6-0. Weight 160. Married. Home: Los Angeles, Calif.

1969—Signed by Houston as free agent (No. 1 selection, regular phase, January).

THOMAS (Continued)

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Okla. City (AA)	75	272	73	5	6	4	21	11	.268
Columbus (Southern)	38	156	38	5	4	4	12	4	.244

Non-roster player this spring... has had good AAA credentials in each of his two professional seasons.

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	1B	3B	HR	RBI	SB	AVG.
1969	Cocoa	Fla. State	33	114	33	5	3	0	8	10	.289
1969	Okla. City	A.A.	36	154	48	4	6	0	17	3	.312
1970	Okla. City	A.A.	75	272	73	5	6	4	21	11	.268
1970	Columbus	Southern	38	156	38	5	4	4	12	4	.244

OTIS THORNTON

44

CATCHER—Bats right. Throws right. Born June 30, 1945, at Docena, Ala. Height 6-1. Weight 186. Married. Home: Docena, Ala.

1965—Signed by Houston as free agent.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Columbus (Southern)	96	322	88	14	4	5	27	0	.273
Raleigh-Durham (Carolina)	18	74	17	2	0	3	16	1	.230

Non-roster player this spring... saw spring action with Astros last year... did good job with Columbus' pennant-winners last season... has been in Houston organization since signing first pro contract.

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1965	Brad. Astros	Fla. Rookie	2	1	0	0	0	0	0	0	.000
1966	Salisbury	W. Carolinas	13	28	6	1	0	0	1	0	.214
1966	Bismarck	Northern	45	115	22	1	0	0	9	1	.191
1967	Cocoa	Fla. State	31	79	15	2	1	1	9	1	.190
1968	Greensboro	Carolina	58	112	16	2	0	1	5	3	.143
1968	Williamsport	NY-P	3	5	2	0	1	0	5	0	.400
1969	Newport News	Carolina	55	132	28	2	1	3	15	1	.212
1970	Columbus	Southern	96	322	88	14	4	5	27	0	.273
1970	Rai.-Durham	Carolina	18	74	17	2	0	3	16	1	.230

BOB WATKINS

47

PITCHER—Bats right. Throws right. Born March 12, 1948, at San Francisco, Calif. Height 6-1. Weight 180. Single. Home: Compton, Calif.

1966—Signed by Houston as free agent (No. 22 selection, regular phase, June).

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Oklahoma City (AA)	18	18	1	93	6-7	99	55	57	72	5.32
Columbus (Southern)	5	5	2	37	2-1	24	8	29	23	1.95

Hampered by wildness while with Oklahoma City in 1970... pitched well in five late-season starts at Columbus... control appears to be his major obstacle, since he is considered to have four major league pitches (fast ball, curve, change-up, slider)... was impressive in late-season action with Astros in 1969... good all-around athlete.

MAJOR LEAGUE RECORD

1969—Houston (NL).

	G	IP	W-L	H	ER	SO	BB	ERA
1 year	5	16	0-0	13	9	11	13	5.06

LIFETIME MAJOR LEAGUE BATTING

	AB	H	2B	3B	HR	RBI	SB	AVG.
	2	0	0	0	0	0	0	.000

BOB WATKINS (Continued)

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1965	Bismarck	Northern	16	55	0-5	51	63	47	4.42
1967	Cocoa	Fla. State	22	109	6-9	57	103	101	3.14
1967	Asheville	Carolina	12	66	3-5	51	69	49	4.23
1968	Dallas-FW	Texas	19	116	8-6	79	134	72	2.72
1968	Oklahoma City	PCL	12	50	2-6	49	52	47	6.30
1969	Oklahoma City	AA	26	123	5-9	98	102	118	6.29
1969	Houston	NL	5	16	0-0	13	11	13	5.06
1970	Oklahoma City	A.A.	18	93	6-7	99	57	72	5.32
1970	Columbus	Southern	5	37	1-0	24	29	12	1.95

BOB WATSON

27

CATCHER-OUTFIELDER-FIRST BASEMAN—Bats right. Throws right. Born April 10, 1946, at Los Angeles, Calif. Height 6-2. Weight 205. Married. Home: Los Angeles, Calif.

1965—Signed by Houston as free agent, Jan. 31.

1970 RECORD

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
Houston (NL)	97	327	89	19	2	11	61	1	.272

Had his best year in the majors in 1970, knocking in 61 runs in 97 games...hit two grand slam homers in September (vs. Padres, Dodgers)...put together a 10-game hitting streak...took over as regular first baseman on June 19, was at first the rest of the year (except for military duty)...a former catcher, has been working behind the plate more and more the last two seasons, primarily in winter ball...tied Houston's club record of four consecutive pinch hits late in 1969 after hitting .408 in AAA ball...started career as catcher, but became first baseman-outfielder following post-1966 arm surgery...has good power...nicknamed "Bull."

MAJOR LEAGUE RECORD

1966-67-68-69-70—Houston (NL).

	G	AB	H	2B	3B	HR	RBI	SB	AVG.
5 years	169	522	135	29	2	14	74	2	.259

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1965	Salisbury	W. Carol.	80	209	88	20	3	12	55	8	.421
1966	Cocoa	Fla. State	105	348	105	21	8	10	55	2	.302
1966	Houston	NL	1	1	0	0	0	0	0	0	.000
1967	Oklahoma City	PCL	41	148	39	4	2	5	15	0	.264
1967	Amarillo	Texas	96	351	98	14	5	14	60	6	.279
1967	Houston	NL	6	14	3	0	0	1	2	0	.214
1968	Oklahoma City	PCL	20	76	30	7	2	5	16	0	.395
1968	Houston	NL	45	140	32	7	0	2	8	1	.229
1969	Savannah	Southern	26	96	25	4	0	4	10	2	.260
1969	Oklahoma City	AA	61	223	91	14	4	7	48	1	.408
1969	Houston	NL	20	40	11	3	0	0	3	0	.275
1970	Houston	N.L.	97	327	89	19	2	11	61	1	.272

DON WILSON

40

PITCHER—Bats right. Throws right. Born Feb. 12, 1945, at Monroe, La. Height 6-3. Weight 205. Married Bernise Greene, Oct. 31, 1964. Two children. Home: Houston. Attended Compton Junior College.

1964—Signed as free agent by Houston.

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Houston (NL)	29	27	3	184	11-6	188	80	94	66	3.91

DON WILSON (Continued)

Had a strong 1970 finish after a slow start...won six in a row (Aug. 15-Sept. 13) and seven of his last eight decisions...his 11-6 record was good for a .647 percentage, the best ever by a Houston regular pitcher...has two no-hit games to his credit (Atlanta on June 18, 1967; Cincinnati on May 1, 1969)...fell well below usual strikeout level in 1970, but missed almost all of April with an injury...back in 1968 season, tied two major league strikeout records, both since broken...has a 27-18 record the last two seasons, in both instances doing his best pitching in the second half of the year...was Texas League's outstanding pitcher in 1966.

MAJOR LEAGUE RECORD

1966-67-68-69-70—Houston (NL).

5 years	G	IP	W-L	H	ER	SO	BB	ERA
	128	808	51-43	731	315	670	303	3.50

LIFETIME MAJOR LEAGUE BATTING

AB	H	2B	3B	HR	RBI	SB	AVG.
286	38	8	0	1	16	0	.132

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1964	Cocoa Colts	Cocoa Rookie	10	28	1-2	23	35	16	4.18
1965	Cocoa	Fla. State	26	181	10-8	132	168	46	1.44
1966	Amarillo	Texas	29	187	18-6	150	197	66	2.21
1966	Houston	NL	1	6	1-0	5	7	1	3.00
1967	Houston	NL	31	184	10-9	141	159	69	2.79
1968	Houston	NL	33	209	13-16	187	175	70	3.27
1969	Houston	NL	34	225	16-12	210	235	97	4.00
1970	Houston	N.L.	29	184	11-6	188	94	66	3.91

JIM WYNN

24

OUTFIELDER—Bats right. Throws right. Born March 12, 1942, at Hamilton, Ohio. Height 5-9. Weight 170. Married. Home: Houston, Tex. Attended Central State College.

1962—Signed by Cincinnati Reds as free agent.

1962—Drafted by Houston from San Diego (PCL). Nov. 26.

1970 RECORD

Houston (NL)	G	AB	H	2B	3B	HR	RBI	SB	AVG.
	157	554	156	32	2	27	88	24	.282

Continued to be one of Houston's top offensive guns, ranking 1-2 in virtually all departments...produced 27 homers and batted in 88 runs...over the past four seasons, he has hit 123 homers and had driven in 349 runs...upped his 1970 average to .282, his major league high...he's closing in on his 1,000th hit (needs 45 more)...holds all-time Houston lead in most major batting categories...in 1970, was especially productive against Pirates (.389, 12 RBI), Padres (.354, 17 RBI), Cubs (.351, nine RBI)...had 21 RBI in May...employed as radio sportscaster in the off season...is the only Houston player ever to hit three home runs in a game...nicknamed "The Toy Cannon."

MAJOR LEAGUE RECORD

1963-64-65-66-67-68-69-70—Houston (NL).

8 years	G	AB	H	2B	3B	HR	RBI	SB	AVG.
	1119	3636	955	169	24	172	529	139	.263

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	AB	H	2B	3B	HR	RBI	SB	AVG.
1962	Tampa	Fla. State	120	400	116	10	5	14	81	20	.290
1963	San Antonio	Texas	78	302	87	15	11	16	49	7	.288
1963	Houston	NL	70	250	61	10	5	4	28	4	.244
1964	Oklahoma City	PCL	82	282	77	9	5	10	40	13	.273
1964	Houston	NL	67	219	49	7	0	5	17	5	.224
1965	Houston	NL	157	564	155	30	7	22	73	43	.275
1966	Houston	NL	105	418	107	21	1	18	62	13	.256
1967	Houston	NL	158	594	148	29	3	37	107	16	.249
1968	Houston	NL	156	542	146	23	5	26	67	11	.269
1969	Houston	NL	149	495	133	17	1	33	87	23	.269
1970	Houston	N.L.	157	554	156	32	2	27	88	24	.282

LARRY YOUNT (yownt)

51

PITCHER—Bats right. Throws right. Born Feb. 15, 1950, at Houston, Tex. Height 6-2. Weight 185. Single. Home: Woodland Hills, Calif. Attended Arizona State University.

1968—Signed by Houston as free agent (No. 5 selection, regular phase, June).

1970 RECORD

	G	GS	CG	IP	W-L	H	ER	SO	BB	ERA
Columbus (Southern)	26	26	11	184	12-8	148	58	149	58	2.84

Another of the fine young pitching prospects in the Houston organization...had a big year for Columbus' Southern League champs, with strong ERA and hit ratio figures...was particularly impressive in spring training with Astros last year...good competitor with poise...his best pitch is the curve ball...graduate of the same high school as Larry Dierker.

COMPLETE PROFESSIONAL RECORD

YEAR	CLUB	LEAGUE	G	IP	W-L	H	SO	BB	ERA
1968	Greensboro	Carolina	8	47	1-4	39	49	28	4.21
1968	Oklahoma City	PCL	7	20	0-3	26	14	6	5.85
1969	Peninsula	Carolina	12	60	6-4	41	56	37	2.25
1970	Columbus	Southern	26	184	12-8	148	149	58	2.84

HOUSTON ORIGINAL SELECTEES

(Picked in National League Expansion Draft at Cincinnati October 13, 1961)

Player	Drafted From	Price	Present Club
Joe Amalfitano	Giants	\$125,000	Cubs
Bob Aspromonte	Dodgers	75,000	Mets
Ed Bressoud	Giants	75,000	Retired
Dick Drott	Cubs	75,000	Retired
Dick Farrell	Dodgers	125,000	Retired
Dick Gernert	Reds	75,000	Retired
Jim Golden	Dodgers	50,000	Retired
Al Heist	Cubs	75,000	Retired
Jess Hickman	Phillies	75,000	Retired
Ken Johnson	Reds	75,000	Retired
Sam Jones	Giants	75,000	Retired
Norm Larker	Dodgers	75,000	Retired
Bob Lillis	Cardinals	75,000	Retired
Roman Mejias	Pirates	75,000	Retired
Ed Olivares	Cardinals	50,000	Retired
Merritt Ranew	Braves	75,000	Minors
Paul Roof	Braves	75,000	Retired
Bobby Shantz	Pirates	75,000	Retired
Hal Smith	Pirates	125,000	Retired
Al Spangler	Braves	125,000	Cubs
Don Taussig	Cardinals	75,000	Retired
Jim Umbricht	Pirates	50,000	Deceased
George Williams	Phillies	75,000	Retired

HOUSTON HISTORIC OPENING GAMES

APRIL 10, 1962 AT COLT STADIUM

CHICAGO

	AB	R	H	RBI
Brock, cf	3	0	0	1
Hubbs, 2b	4	0	0	0
Williams, lf	4	0	1	0
Banks, 1b	4	1	2	1
Altman, rf	4	0	0	0
Santo, 3b	3	0	0	0
White, ss	1	0	0	0
b-Rodgers, ph, ss	1	0	0	0
Barragan, c	3	0	1	0
Cardwell, p	1	0	0	0
Gerard, p	0	0	0	0
a-Moehardt, ph	1	0	0	0
Schultz, p	0	0	0	0
Warner, p	0	0	0	0
c-McKnight, ph	1	1	1	0
Lary, p	0	0	0	0
TOTALS	30	2	5	2

HOUSTON

	AB	R	H	RBI
Aspromonte, 3b	4	3	3	0
Spangler, cf	3	3	2	1
Mejias, rf	5	3	3	6
Larker, 1b	4	1	1	1
Pendleton, lf	4	0	1	1
Smith, c	4	1	2	1
Amalfitano, 2b	3	0	1	1
Buddin, ss	3	0	0	0
Shantz, p	4	0	0	0

TOTALS 34 11 13 11

a-flled out for Gerard in 6th
b-fouled out for White in 7th
c-tripled for Warner in 8th

CHICAGO	000	000	110	—	2
HOUSTON	104	000	33X	—	11

E—Amalfitano, Smith; DP—Chicago 1, Houston 2; LOB—Chicago 4, Houston 5; 2B—Smith; 3B—McKnight; HR—Mejias-2, Smith, Banks; SB—Aspromonte; S—Buddin.

	IP	H	R	ER	BB	SO
Cardwell (L, 0-1)	2 ² / ₃	5	5	5	2	1
Gerard	2 ¹ / ₃	1	0	0	1	0
Schultz	1	4	3	3	0	1
Warner	1	1	0	0	0	0
Lary	1	2	3	3	1	0
Shantz (W, 1-0)	9	5	2	2	2	4

Umpires—Bogges, Landes, Smith, Steiner; A—25,271

APRIL 12, 1965 AT THE ASTRODOME

PHILADELPHIA

	AB	R	H	RBI
Taylor, 2b	5	0	2	0
Allen, 3b	4	1	2	2
Callison, rf	4	0	1	0
Covington, lf	3	0	0	0
Herrnstein, lf	0	0	0	0
Gonzalez, cf	4	0	2	0
Stuart, 1b	3	0	1	0
Wine, ss	0	0	0	0
Dalrymple, c	4	0	0	0
Amaro, ss-1b	3	1	1	0
Short, p	3	0	1	0
TOTALS	33	2	10	2

HOUSTON

	AB	R	H	RBI
Lillis, ss	4	0	0	0
Morgan, 2b	3	0	2	0
Wynn, cf	4	0	0	0
Bond, 1b	4	0	0	0
Aspromonte, 3b	4	0	1	0
Beauchamp, lf	3	0	0	0
Gaines, rf	3	0	0	0
Bateman, c	2	0	1	0
Bruce, p	2	0	0	0
a-White, ph	1	0	0	0
Woodeshick, p	0	0	0	0
TOTALS	30	0	4	0

a-struck out for Bruce in 7th

PHILADELPHIA	002	000	000	—	2
HOUSTON	000	000	000	—	0

E—Allen; DP—Philadelphia 1, Houston 2; LOB—Philadelphia 8, Houston 7; 2B—Taylor, Morgan; HR—Allen; S—Short, Herrnstein, Bateman.

	IP	H	R	ER	BB	SO
Short (W, 1-0)	9	4	0	0	3	11
Bruce (L, 0-1)	7	9	2	2	1	5
Woodeshick	2	1	0	0	1	1

Umpires—Barlick, Donatelli, Landes, Steiner; T—2:35; A—42,652

ALL-TIME HOUSTON ROSTER

Includes all players who have participated in one or more official National League games, 1962 through 1970. Total number of players: 173.

—A—

Adlesh, Dave—1963-64-65-66-67-68
 Alou, Jesus—1969-70
 Amalfitano, Joe—1962
 Anderson, John—1962
 Arlich, Don—1965-66
 Aspromonte, Bob—1962-63-64-65-66-67-68

—B—

Bales, Lee—1967
 Bateman, John—1963-64-65-66-67-68
 Beauchamp, Jim—1964-65-70
 Belinsky, Bo—1967
 Billingham, Jack—1969-70
 Blasingame, Wade—1967-68-69-70
 Blefary, Curt—1969
 Bond, Walt—1964-65
 Bouton, Jim—1969-70
 Bradey, Don—1964
 Brand, Ron—1965-66-67-68
 Brandt, Jackie—1967
 Brown, Hal—1963-64
 Browne, Byron—1968
 Browne, Pidge—1962
 Bruce, Bob—1962-63-64-65-66
 Brunet, George—1962-63
 Bryant, Don—1969-70
 Buddin, Don—1962
 Busby, Jim—1962
 Buzhardt, John—1967-68

—C—

Campbell, Jim—1962-63
 Cardinal, Randy—1963
 Carpin, Frank—1966
 Ceden, Cesar—1970
 Cerv, Bob—1962
 Cicotte, Al—1962
 Colbert, Nate—1966-68
 Cook, Ron—1970
 Coombs, Danny—1963-64-65-66-67-68-69
 Cuellar, Mike—1965-66-67-68
 Culver, George—1970

—D—

Dahl, Jay—1963
 Davis, Brock—1963-64-66
 Davis, Ron—1962-66-67-68
 Davis, Tommy—1969-70
 Dickson, Jim—1963
 Dierker, Larry—1964-65-66-67-68-69-70
 DiLauro, Jack—1970
 Drott, Dick—1962-63
 Dukes, Tom—1967-68

—E—

Earley, Arnold—1967
 Edwards, John—1969-70
 Eilers, Dave—1967

—F—

Farrell, Dick—1962-63-64-65-66-67
 Fazio, Ernie—1962-63
 Forsch, Ken—1970
 Fox, Nellie—1964-65
 Freese, Gene—1966

—G—

Gaines, Joe—1964-65-66
 Geiger, Gary—1969-70
 Gentile, Jim—1965-66
 Gernert, Dick—1962
 Geronimo, Cesar—1969-70
 Gilson, Hal—1968
 Giusti, Dave—1962-64-65-66-67-68
 Gladding, Fred—1968-69-70
 Golden, Jim—1962-63
 Goodman, Billy—1962
 Goss, Howie—1963
 Gotay, Julio—1966-67-68-69
 Griffin, Tom—1969-70
 Grote, Jerry—1963-64
 Guinn, Skip—1969

—H—

Hardy, Carroll—1963-64
 Harris, Alonzo—1967
 Harrison, Chuck—1965-66-67
 Hartis, Buddy—1970
 Hartman, J. C.—1962-63
 Heath, Bill—1966-67
 Heist, Al—1962
 Henry, Bill—1969
 Herrera, Jose—1967-68
 Hertz, Steve—1964
 Hoerner, Joe—1963-64
 Hoffman, John—1964-65
 House, Pat—1967-68
 Howard, Larry—1970

—J—

Jackson, Sonny—1963-64-65-66-67
 Johnson, Ken—1962-63-64-65
 Jones, Gordon—1964-65

—K—

Kasko, Eddie—1964-65
 Kemmerer, Russ—1962-63
 King, Hal—1967-68
 Kroll, Gary—1966

—L—

Lamabe, Jack—1965
 Lampard, Keith—1969-70
 Landis, Jim—1967
 Larker, Norm—1962
 Larsen, Don—1964-65
 Latman, Barry—1966-67
 Lee, Don—1965-66
 Lemaster, Denny—1968-69-70
 Lillis, Bob—1962-63-64-65-66-67

ALL-TIME HOUSTON ROSTER

(Continued)

—M—

MacKenzie, Ken—1965
 Mahoney, Jim—1965
 Mantilla, Felix—1966
 Marshall, Mike—1970
 Martinez, Orlando—1969-70
 Mathews, Eddie—1967
 Mayberry, John—1968-69-70
 Maye, Lee—1965-66
 McFadden, Leon—1968-69-70
 McMahon, Don—1962-63
 Mejias, Roman—1962
 Menke, Denis—1968-69-70
 Miller, Norm—1965-66-67-68-69-70
 Monteagudo, Aurielo—1966
 Morgan, Joe—1963-64-65-66-67-68-69-70
 Murrell, Ivan—1963-64-67-68

—N—

Nicholson, Dave—1966
 Nottebart, Don—1963-64-65

—O—

Osinski, Dan—1970
 Owens, Jim—1964-65-66-67

—P—

Paciorek, John—1963
 Pendleton, Jim—1962
 Pepitone, Joe—1970
 Pointer, Aaron—1963-66-67

—R—

Rader, Doug—1967-68-69-70
 Ranew, Merritt—1962
 Ratliff, Gene—1965
 Ray, Jim—1965-66-68-69-70
 Raymond, Claude—1964-65-66-67
 Reed, Howie—1967
 Roberts, Dave—1962-64
 Roberts, Robin—1965-66
 Runnels, Pete—1963-64

—S—

Schneider, Dan—1967-69
 Sembera, Carroll—1965-66-67
 Shantz, Bobby—1962

Shea, Steve—1968
 Sherry, Larry—1967
 Simpson, Dick—1968
 Sims, Greg—1966
 Smith, Hal—1962-63
 Spangler, Al—1962-63-64-65
 Spinks, Scipio—1969-70
 Staub, Rusty—1963-64-65-66-67-68
 Stone, Dean—1962

—T—

Taussig, Don—1962
 Taylor, Ron—1965-66
 Temple, Johnny—1962-63
 Thomas, Frank—1965
 Thomas, Lee—1968
 Tiefenauer, Bob—1962
 Torres, Hector—1968-69-70
 Triandos, Gus—1965

—U—

Umbricht, Jim—1962-63

—V—

Valdespino, Sandy—1969
 Vaughan, Glenn—1963
 Von Hoff, Bruce—1965-67

—W—

Walton, Danny—1968
 Warwick, Carl—1962-63
 Watkins, Bob—1969
 Watson, Bob—1966-67-68-69-70
 Weekly, Johnny—1962-63-64
 White, Mike—1963-64-65
 Williams, George—1962
 Williams, Walt—1964
 Willis, Ron—1969
 Wilson, Don—1966-67-68-69-70
 Witt, George—1962
 Womack, Dooley—1969
 Woodeshick, Hal—1962-63-64-65
 Wynn, Jim—1963-64-65-66-67-68-69-70

—Y—

Yellen, Larry—1963-64

—Z—

Zachary, Chris—1963-64-65-66-67

Houston All Star Game Selections

BATTING

	AB	H	AVG.
Denis Menke—1969-70	1	0	.000
*Joe Morgan—1966-70	2	1	.500
Rusty Staub—1967-68	2	1	.500
Jim Wynn—1967	1	1	1.000

*Voted as starting second baseman in 1966—did not play because of injury.

PITCHING

	IP	W-L	H	R	ER	SO	BB	ERA
Mike Cuellar—1967	2.0	0-0	1	0	0	2	0	0.00
Larry Dierker—1969	0.1	0-0	1	0	0	0	0	0.00
Dick Farrell—1962-64-65	4.0	0-0	5	4	4	2	3	9.00
Claude Raymond—1966	0.0	0-0	0	0	0	0	0	0.00
Hal Woodeshick—1963	2.0	0-0	1	0	0	3	1	0.00

HOUSTON DAY-BY-DAY RECORD — 1970

Date	Game Number	vs.	W-L	Standing	GB	Daily Home Attend.	Total Home Attend.	Home Date No.
APRIL								
7	1	SF	1-0	T-2	1/2			
8	2	SF	1-1	T-2	1 1/2			
9	3	SF	1-2	T-4	2 1/2			
10	4	Atl	1-3	5	2 1/2	20,305	20,305	1
11	5	Atl	2-3	5	2	16,047	36,352	2
12	6	Atl	3-3	T-3	2	12,747	49,099	3
13	7	LA	3-4	5	2	10,222	59,321	4
14	8	LA	3-5	T-5	3	8,897	68,218	5
15	9	SF	4-5	T-4	3	11,174	79,392	6
16	10	SF	4-6	5	4	10,814	90,206	7
17	11	SD	5-6	T-4	4	10,737	100,943	8
18	12	SD	6-6	3	3	16,522	117,465	9
19	13	SD	7-6	2	3	13,344	130,809	10
20	14	Pitt	7-7	T-2	4			
21	15	Pitt	7-8	3	5			
22	16	Pitt	7-9	4	5 1/2			
24	17	Chi	7-10	4	5 1/2			
25	18	Chi	7-11	4	6 1/2			
26	19	Chi	7-12	5	6 1/2			
28	20	Cin	7-13	5	7 1/2			
29	21	Cin	7-14	T-5	7 1/2			
MAY								
1	22	StL	8-14	5	8 1/2			
2	23	StL	9-14	5	8 1/2			
3	24	StL	9-15	-	-			
3	25	StL	10-15	5	9			
4	26	Chi	11-15	5	9	16,142	146,951	11
5	27	Chi	12-15	5	9	15,758	162,709	12
7	28	Pitt	12-16	5	10	11,678	174,387	13
8	29	Pitt	13-16	5	9	13,383	187,770	14
9	30	Pitt	13-17	5	9	15,137	202,907	15
10	31	Pitt	14-17	5	9	16,768	219,675	16
12	32	LA	15-17	5	8 1/2			
13	33	LA	16-17	5	8			
14	34	SD	17-17	4	7 1/2			
15	35	SD	17-18	4	7 1/2			
16	36	SD	18-18	4	7 1/2			
17	37	SD	18-19	4	9			
18	38	StL	19-19	4	8	17,916	237,591	17
19	39	StL	19-20	4	9	12,219	249,810	18
20	40	StL	19-21	4	9 1/2	13,977	263,787	19
21	41	Cin	19-22	4	10 1/2	9,508	273,295	20
22	42	Cin	19-23	5	11 1/2	23,378	296,673	21
23	43	Cin	19-24	5	12 1/2	27,822	324,495	22
24	44	Cin	20-24	5	11 1/2	18,552	343,057	23
26	45	Atl	20-25	5	11 1/2			
27	46	Atl	20-26	5	12 1/2			
29	47	NY	21-26	5	12 1/2			
30	48	NY	21-27	5	13 1/2			
31	49	NY	21-28	-	-			
31	50	NY	21-29	5	15			
JUNE								
2	51	Mont	22-29	5	15	12,756	355,803	24
3	52	Mont	23-29	5	14	12,665	368,468	25
4	53	Mont	24-29	5	13 1/2	10,189	378,657	26
5	54	Phil	25-29	4	13 1/2	12,292	390,949	27
6	55	Phil	25-30	5	14 1/2	18,644	409,593	28
7	56	Phil	25-31	5	15 1/2	16,353	425,946	29
8	57	NY	25-32	5	16	13,957	439,903	30
9	58	NY	25-33	5	17	19,935	459,838	31
10	59	NY	26-33	5	17	17,973	477,811	32
12	60	Mont	26-34	5	17 1/2			
13	61	Mont	27-34	5	16 1/2			
14	62	Mont	27-35	5	17 1/2			

HOUSTON DAY-BY-DAY RECORD—1969 (Continued)

Date	Game Number	vs.	W-L	Standing	GB	Daily Home Attend.	Total Home Attend.	Home Date No.
JUNE								
16	63	Phil	27-36	6	17½			
17	64	Phil	27-37	6	18½			
19	65	Atl	27-38	-	-			
19	66	Atl	27-39	6	19			
20	67	Atl	28-39	6	19			
21	68	Atl	28-40	6	19½			
22	69	SD	29-40	5	18½	14,640	492,451	33
23	70	SD	30-40	5	18½	11,666	504,117	34
24	71	SD	31-40	5	18½	14,017	518,134	35
26	72	Cin	31-41	5	19½	24,710	542,844	36
27	73	Cin	31-42	5	20½	28,913	571,757	37
28	74	Cin	31-43	5	21½	27,040	598,797	38
29	75	LA	32-43	5	21			
30	76	LA	33-43	5	20			
JULY								
1	77	LA	33-44	5	21			
3	78	Cin	33-45	-	-			
3	79	Cin	34-45	5	21½			
4	80	Cin	34-46	5	22½			
5	81	Cin	34-47	5	23½			
6	82	LA	34-48	5	24½	17,744	616,541	39
7	83	LA	34-49	5	25½	17,113	633,654	40
8	84	LA	34-50	5	25½	16,865	650,519	41
9	85	LA	35-50	5	24½	12,798	663,317	42
10	86	SF	35-51	5	25	17,770	681,087	43
11	87	SF	36-51	5	25	27,208	708,295	44
12	88	SF	37-51	5	25	25,003	733,298	45
16	89	Chi	38-51	5	25	18,466	751,764	46
17	90	Chi	39-51	5	24	18,207	769,971	47
18	91	Chi	39-52	5	25	25,448	795,419	48
19	92	Chi	39-53	5	25	21,293	816,712	49
20	93	Pitt	40-53	5	25½	17,934	834,646	50
21	94	Pitt	41-53	5	25½	17,741	852,387	51
22	95	StL	42-53	5	24½			
23	96	StL	43-53	5	23½			
24	97	Pitt	43-54	5	24½			
25	98	Pitt	44-54	5	24½			
26	99	Pitt	45-54	5	24½			
28	100	Chi	46-54	5	23			
29	101	Chi	46-55	5	24			
30	102	Chi	46-56	5	25			
31	103	StL	46-57	5	24½	21,697	874,084	52
AUGUST								
1	104	StL	46-58	5	25½	29,923	904,007	53
2	105	StL	46-59	5	26½	23,965	927,972	54
3	106	Atl	47-59	5	-	-	-	55
3	107	Atl	47-60	5	26½	23,443	951,415	55
4	108	Atl	47-61	5	26½	17,842	969,257	56
5	109	SD	48-61	5	26½			
6	110	SD	49-61	5	25			
7	111	SF	50-61	5	25			
8	112	SF	50-62	5	26			
9	113	SF	51-62	5	-			
9	114	SF	51-63	5	25			
11	115	Phil	51-64	5	26	18,184	987,441	57
12	116	Phil	52-64	5	25	16,677	1,004,118	58
13	117	Phil	53-64	5	25	14,413	1,018,531	59
14	118	Mont	53-65	5	25	13,772	1,032,303	60
15	119	Mont	54-65	5	25	14,527	1,046,830	61
16	120	Mont	54-66	5	26	19,235	1,066,065	62

HOUSTON DAY-BY-DAY RECORD—1969 (Continued)

Game Date Number vs.	W-L	Standing	GB	Daily Home Attend.	Total Home Attend.	Home Date No.
AUGUST						
18 121 NY	54-67	5	26½			
19 122 NY	55-67	5	25½			
21 123 Phil	55-68	5	-			
21 124 Phil	56-68	5	25			
22 125 Phil	56-69	5	26			
23 126 Phil	56-70	5	26½			
25 127 Mont	57-70	5	25½			
26 128 Mont	58-70	5	25½			
27 129 Mont	59-70	5	24½			
28 130 NY	60-70	5	23½	19,076	1,085,141	63
29 131 NY	61-70	5	23½	16,203	1,101,344	64
30 132 NY	62-70	5	22½	16,754	1,118,098	65
SEPTEMBER						
1 133 SD	62-71	5	22½	6,492	1,124,590	66
2 134 SD	63-71	5	22½	6,395	1,130,985	67
3 135 SD	63-72	5	23½	5,465	1,136,450	68
4 136 LA	64-72	5	22½	8,909	1,145,359	69
5 137 LA	65-72	5	22½	15,053	1,160,412	70
6 138 LA	65-73	5	23½	15,687	1,176,099	71
7 139 SD	66-73	-	-			
7 140 SD	67-73	5	21½			
8 141 SD	68-73	5	21½			
9 142 SF	68-74	5	22½			
10 143 SF	68-75	5	23½			
11 144 Atl	69-75	5	22½	7,928	1,184,027	72
12 145 Atl	69-76	5	22½	9,821	1,193,848	73
13 146 Atl	70-76	5	21½	8,232	1,202,080	74
15 147 Cin	71-76	4	20½	9,369	1,211,449	75
16 148 Cin	71-77	5	21½	11,376	1,222,825	76
17 149 LA	72-77	T-4	21			
18 150 LA	72-78	T-4	22			
19 151 LA	72-79	5	23			
20 152 LA	72-80	5	23			
21 153 Cin	72-81	5	24			
22 154 Cin	72-82	5	25			
23 155 Cin	72-83	5	26			
25 156 Atl	73-83	5	25			
26 157 Atl	74-83	T-4	25			
27 158 Atl	75-83	4	25			
28 159 SF	76-83	4	24½	6,160	1,228,985	77
29 160 SF	77-83	4	23½	6,768	1,235,753	78
30 161 SF	78-83	4	23	8,673	1,244,426	79
OCTOBER						
1 162 SF	79-83	4	23	9,018	1,253,444	80

MONTH-BY-MONTH

Month	1970		All-Time High		All-Time Low		All-Time Total	
	W-L	Pct.	W-L	Pct.	W-L	Pct.	W-L	Pct.
April	7-14	.333	10-6	.625—1965	4-20	.167—1969	63-102	.382
May	14-15	.483	20-6	.769—1969	12-19	.387—1962	127-133	.488
June	12-14	.462	15-13	.536—1969	9-20	.310—1963	110-145	.431
July	13-14	.481	19-12	.613—1967	5-24	.172—1962	106-148	.417
August	16-13	.552	19-13	.594—1968	9-21	.300—1967	118-149	.442
September	16-13	.552	16-11	.593—1963	7-20	.259—1965	105-137	.434
October	1-0	1.000	2-0	1.000—1966	0-2	.000—1969	5-8	.385
TOTALS	79-83	.488					634-822	.435

HOUSTON 1970 AVERAGES

BATTING

	AVG.	G	AB	R	H	2B	3B	HR	RBI	SB	BB	SO
Alou	.306	117	458	59	140	27	3	1	44	3	21	15
Beauchamp	.192	31	26	3	5	0	0	1	4	0	3	7
Bryant	.208	15	24	2	5	0	0	0	3	0	1	8
Cedeno	.310	90	355	46	110	21	4	7	42	17	15	57
Davis	.282	57	213	24	60	12	2	3	30	8	7	25
Edwards	.221	140	458	46	101	16	4	7	49	1	51	63
Geiger	.250	5	4	0	1	0	0	0	0	0	0	0
Geronimo	.243	47	37	5	9	0	0	0	2	0	2	5
Howard	.307	31	88	11	27	6	0	2	16	0	10	23
Lampard	.236	53	72	8	17	8	1	0	5	0	5	24
Martinez	.220	75	150	12	33	3	0	0	12	0	9	22
Mayberry	.216	50	148	23	32	3	2	5	14	1	21	33
McFadden	.000	2	0	0	0	0	0	0	0	0	0	0
Menke	.304	154	562	82	171	26	6	13	92	6	82	80
Miller	.239	90	226	29	54	9	0	4	29	3	41	33
Morgan	.268	144	548	102	147	28	9	8	52	42	102	55
Pepitone	.251	75	279	44	70	9	5	14	35	5	18	28
Rader	.252	156	576	90	145	25	3	25	87	3	57	102
Torres	.246	31	65	6	16	1	2	0	5	0	6	8
Watson	.272	97	327	48	89	19	2	11	61	1	24	59
Wynn	.282	157	554	82	156	32	2	27	88	24	106	96
TOTALS	.259	162	5574	744	1448	250	47	129	694	114	598	911

PITCHING

	W-L	ERA	G	IP	H	ER	BB	SO	HR	SV
Billingham	13-9	3.97	46	188	190	83	63	134	10	0
Blasingame	3-3	3.46	13	78	76	30	23	55	4	0
Bouton	4-6	5.42	29	73	84	44	33	49	5	0
Cook	4-4	3.73	41	82	80	34	42	50	4	2
Culver	3-3	3.20	32	45	44	16	21	31	1	3
Dierker	16-12	3.87	37	270	263	116	82	191	31	1
DiLauro	1-3	4.24	42	34	34	16	17	23	4	3
Forsch	1-2	5.63	4	24	28	15	5	13	1	0
Gladding	7-4	4.06	63	71	84	32	24	46	4	18
Griffin	3-13	5.76	23	111	118	71	72	72	9	0
Harris	0-0	6.00	2	6	6	4	0	2	3	0
Lemaster	7-12	4.56	39	162	169	82	65	103	22	3
Marshall	0-1	9.00	4	5	8	5	4	5	0	0
Osinski	0-1	9.00	3	4	5	4	2	1	0	0
Ray	6-3	3.26	52	105	97	38	49	67	13	5
Spinks	0-1	9.64	5	14	17	15	9	6	5	0
Wilson	11-6	3.91	29	184	188	80	66	94	15	0
TOTALS	79-83	4.23	162	1456	1491	685	577	942	131	35

W-L	79-83	Longest Win Streak	7
Home	44-37	Longest Lose Streak	8
Road	35-46	Longest Hit Streak	17—Rader
Day	19-30	Most Runs—Game	13—7/22—St. Louis
Night	60-53	Most Runs—Inning	7—Twice
HR's	129-131	Most Hits—Game (9 Inn)	16—Three Times
DP's	146-161	Most Hits—Game (X Inn)	21—7/11—San Francisco
SB's	114-77	Longest Game—Time	4:15—9/20—Los Angeles
One-Run	23-25	Longest Game—Innings	14—Three Times
Vs. RHP	53-62	Shortest Game—Time	1:51—8/12—Philadelphia
Vs. LHP	26-21		
X-Inn.	11-7		
Shutouts	6-11	ATTENDANCE:	Dates
CG's	36-34		Total
DH's	1-2-5	Home	80
Vs. West	44-46		1,253,444
Atl	9-9	Road	74
Cin	3-15		1,155,480
LA	8-10	Total	154
SD	14-4		2,408,924
SF	10-8		
Vs. East	35-37		
Chi	5-7		
Mont	8-4		
NY	6-6		
Phil	4-8		
Pitt	6-6		
StL	6-6		

HOUSTON ATTENDANCE RECORDS

Season—Home	2,151,470	1965	
Season—Road	1,155,480	1970	
Season—Home and Road	3,104,214	1965	
Opening Day	42,652	April 12, 1965	Philadelphia
Single Game	50,908	June 22, 1966	Los Angeles
Doubleheader	42,648	June 20, 1965	Philadelphia
Day Night Doubleheader			
Day	30,738		
Night	42,595		
Total	73,333	July 24, 1965	Cincinnati
Night Game	50,908	June 22, 1966	Los Angeles
Day Game	49,442	September 5, 1965	Los Angeles
Largest—Home	50,908	June 22, 1966	Los Angeles
Largest—Road	54,424	May 30, 1970	New York
Smallest—Home	1,638	September 8, 1962	New York
Smallest—Astrodome	3,616	September 27, 1967	Philadelphia
Smallest—Road	913	May 4, 1965	Milwaukee
Single Home Stand	446,087	May 17-June 1, 1965	16 dates

FIVE LARGEST HOME CROWDS

50,908	June 22, 1966	Los Angeles—Night
50,136	July 3, 1965	Los Angeles—Night
49,442	September 5, 1965	Los Angeles—Day
49,003	August 6, 1966	Los Angeles—Night
47,642	July 4, 1965	Los Angeles—Day

SERIES RECORDS

Total One Series	142,116	August 5-7, 1966	Los Angeles
One Day Series	42,652	April 12, 1965	Philadelphia
One Game Series	42,652	April 12, 1965	Philadelphia
Two Day Series	73,992	July 21-22, 1965	St. Louis
Two Game Series	73,992	July 21-22, 1965	St. Louis
Three Day Series	142,116	August 5-7, 1966	Los Angeles
Three Game Series	142,116	August 5-7, 1966	Los Angeles
Four Day Series	123,710	August 18-21, 1967	St. Louis
Four Game Series	141,443	July 23-25, 1965	Cincinnati
Five Game Series	101,566	May 26-29, 1966	Pittsburgh
Atlanta	92,546	May 30-June 1, 1965	3 dates
Chicago	110,569	April 30-May 2, 1965	4 dates
Cincinnati	141,443	July 23-25, 1965	4 dates
Los Angeles	142,116	August 5-7, 1966	3 dates
Montréal	74,573	August 8-10, 1969	3 dates
New York	108,214	June 24-27, 1965	4 dates
Philadelphia	105,977	August 9-12, 1965	4 dates
Pittsburgh	107,323	July 22-24, 1966	3 dates
St. Louis	123,710	August 18-21, 1967	4 dates
San Diego	62,613	June 19-22, 1969	4 dates
San Francisco	130,514	May 21-23, 1965	4 dates

The largest crowds to watch baseball in Colt Stadium came on June 10, 1962 when Los Angeles swept Houston a doubleheader before 30,027 fans and on September 12, 1962 as the Dodgers beat the Colt 45s before 28,669.

MONTHLY RECORDS

Total One Month	500,473	May—1965	18 dates
April	204,974	1965	8 dates
May	500,473	1965	18 dates
June	396,381	1966	13 dates
July	427,066	1965	12 dates
August	417,312	1966	16 dates
September	298,527	1965	14 dates
October	36,480	1965	3 dates

CLUB ATTENDANCE RECORDS AT HOUSTON

	Largest Day	Smallest Day	Largest Season
Atlanta	38,784—1965	4,902—1962	209,818—1966
Chicago	37,255—1965	3,853—1964	226,762—1965
Cincinnati	42,595—1965	4,742—1964	221,317—1965
Los Angeles	50,908—1966	5,323—1964	347,332—1965
Montreal	34,220—1969	10,164—1969	109,072—1969
New York	41,732—1965	1,638—1962	256,403—1965
Philadelphia	42,652—1965	2,231—1963	228,879—1965
Pittsburgh	43,825—1966	2,782—1963	226,761—1966
St. Louis	44,887—1967	2,551—1963	207,139—1965
San Diego	19,095—1969	5,465—1970	93,468—1969
San Francisco	43,367—1965	4,154—1964	238,942—1965

CLUB ATTENDANCE RECORDS ON ROAD

	Largest Day	Smallest Day	Largest Season
At Atlanta	27,604—1968	*913—1965	143,064—1967
At Chicago	40,439—1969	1,572—1964	135,797—1970
At Cincinnati	33,114—1970	2,002—1966	128,568—1970
At Los Angeles	45,146—1962	8,928—1968	239,779—1962
At Montreal	24,235—1969	5,060—1969	104,552—1970
At New York	54,424—1970	1,481—1962	212,405—1970
At Philadelphia	27,288—1964	2,113—1969	121,468—1964
At Pittsburgh	43,290—1970	1,951—1967	121,229—1966
At St. Louis	47,656—1966	4,348—1965	194,784—1967
At San Diego	23,370—1969	1,893—1970	62,474—1969
At San Francisco	42,555—1967	2,449—1970	172,961—1962

*—At Milwaukee

YEAR-BY-YEAR HOUSTON ATTENDANCE DATA

Year	Home	Road	Total
1962	924,456	925,345	1,849,801
1963	719,502	765,720	1,485,222
1964	725,773	853,254	1,579,027
1965	2,151,470	952,749	3,104,219
1966	1,872,108	1,109,584	2,981,692
1967	1,348,303	1,088,450	2,436,753
1968	1,312,887	877,059	2,189,946
1969	1,442,995	913,628	2,356,623
1970	1,253,444	1,155,480	2,408,924
TOTALS	11,750,938	8,641,269	20,392,207

Houston has had only three games postponed because of rain since its entrance into the National League in 1962. All occurred during that first season: April 23 vs. Philadelphia, June 13 vs. New York and July 16 vs. Chicago.

No-Hit Games by Houston Pitchers

1963—Don Nottebart vs. Philadelphia at Houston, May 17	4-1
1964—Ken Johnson vs. Cincinnati at Houston, April 23	Lost 1-0
1967—Don Wilson vs. Atlanta at Houston, June 18	2-0
1969—Don Wilson vs. Cincinnati at Cincinnati, May 1	4-0

No-Hit Games Pitched Against Houston

1963—Juan Marichal at San Francisco, June 15	1-0
1969—Jim Maloney at Cincinnati, April 30	10-0

One-Hit Games by Houston Pitchers

1963—Bob Bruce vs. Cincinnati, April 26	2-0
1966—Dave Giusti vs. San Francisco, August 13	3-0
1970—Tom Griffin vs. San Diego, April 19	5-1

One-Hit Games Pitched Against Houston

1962—Al Jackson—New York, June 22	2-0
1963—Johnny Padres (8-innings) Larry Sherry (1-inning)—Los Angeles, August 4	4-0
1964—Jim Bunning—Philadelphia, May 18	4-0
1965—Joe Nuxhall—Cincinnati, July 24	2-0
1967—Al Jackson—St. Louis, April 25	4-0
1969—Dick Kelsey, San Diego, July 6	1-0
1969—Jim Maloney, Cincinnati, September 26	3-0

Lifetime Houston Shutouts

Dierker	9	(Cin, LA, Mon, Phil, STL-2, SD-2, SF)
Giusti	8	
Wilson	7	(Atl, Chi, Cin, LA, NY-2, Phil)
Bruce	6	
Cuellar	6	
Farrell	5	
Griffin	4	(Cin, Mon, NY, SD)
Brown	3	
Johnson	3	
Lemaster	3	(Cin, STL, SD)
Roberts	3	
Billingham	2	(Mon, SF)

Shutout Pitchers Against Houston Lifetime

Law	7	Drysdale	3	Friend	2
Koufax	6	Gibson	3	Jay	2
Short	6	Jackson, A.	3	Niekro, P.	2
Jackson, L.	5	Lemaster	3	Osteen, C.	2
Maloney	5	Nuxhall	3	O'Toole	2
Marichal	5	Perry	3	Seaver	2
Briles	3	Shaw, B.	3	Simmons	2
Bunning	3	Cardwell	2	Sutton	2
		Fisher	2	Washburn	2

ONE EACH: Bennett, De., Blasingame, Blass, Brewer, Broglio, Buhl, Carlton, Cloninger, Culp, Ellis, D., Faul, Fischer, Fryman, Hands, Hamilton, Holtzman, Jackson, G., Jenkins, Kelley, Kirby, Lary, Mahaffey, McAndrew, McGlothlin, Moose, Niekro, J., Nolan, Pappas, Pierce, Podres, Purkey, Reed, H., Sadecki, Singer, Spahn, Stone, Sturdivant, Tsitouris, Veale, Wise.

HOUSTON TOP TEN WINNING PITCHERS OF ALL TIME

Dierker	71-62	Cuellar	37-36
Farrell	53-64	Johnson	32-51
Wilson	51-43	Lemaster	30-44
Giusti	47-53	Nottebart	21-34
Bruce	42-58	Woodeshick	21-38

HOUSTON PITCHERS LIFETIME RECORDS AGAINST THE NATIONAL LEAGUE

Pitcher	Atl	Chi	Cin	Hou	LA	Mont	NY	Phil	Pitt	StL	SD	SF	W-L
Billingham	2-1	1-2	1-4	0-0	2-2	4-0	1-1	1-2	2-0	1-1	4-3	3-0	22-16
Blasingame	1-2	6-2	0-6	5-1	3-8	0-0	9-0	5-9	2-5	3-3	1-0	2-3	37-39
Cook	0-1	0-0	0-0	---	1-0	1-2	0-0	0-0	2-0	0-1	0-0	0-0	4-4
Culver	1-5	2-1	1-0	0-1	1-5	1-0	3-5	3-0	3-1	3-3	1-3	3-5	22-29
Dierker	5-10	7-9	5-5	---	5-7	2-1	10-7	5-6	7-4	9-7	6-1	10-5	71-62
DiLauro	0-0	0-0	0-0	0-0	0-3	1-0	0-0	0-0	0-0	0-2	0-0	1-2	2-7
Forsch	0-1	0-0	0-1	---	0-0	0-0	0-0	0-0	0-0	0-0	1-0	0-0	1-2
Gladding	2-2	0-2	2-2	---	0-3	1-0	0-0	1-1	0-2	2-0	1-0	2-0	11-12
Griffin	1-3	0-5	2-3	---	0-2	1-0	3-1	1-1	1-2	1-2	3-2	1-2	14-23
Guinn	0-0	0-0	0-0	0-0	1-1	0-0	0-0	0-0	0-1	0-0	0-0	0-0	1-2
Lemaster	1-7	4-14	8-16	7-2	15-14	4-1	11-8	7-7	9-10	14-13	3-1	5-10	88-103
Ray	1-2	1-1	3-1	---	0-1	2-0	2-0	3-0	1-2	0-2	2-1	1-0	16-10
Spinks	0-0	0-0	0-0	---	0-0	0-0	0-0	0-0	0-0	0-1	0-0	0-0	0-1
Wilson	3-5	6-3	6-9	---	8-6	4-0	7-2	5-4	2-3	1-6	3-2	6-3	51-43

HOUSTON PITCHERS LIFETIME RECORDS AGAINST THE NATIONAL LEAGUE WHILE WITH HOUSTON ONLY

Pitcher	Atl	Chi	Cin	LA	Mont	NY	Phil	Pitt	StL	SD	SF	W-L
Billingham	1-1	1-2	0-4	2-2	4-0	1-1	1-2	1-0	1-1	4-3	3-0	19-16
Blasingame	1-2	0-0	0-4	1-2	0-0	4-0	0-4	0-2	1-1	1-0	0-2	8-17
Cook	0-1	0-0	0-0	1-0	1-2	0-0	0-0	2-0	0-1	0-0	0-0	4-4
Culver	1-0	0-0	0-0	0-1	0-0	1-0	0-0	0-0	1-0	0-1	0-1	3-3
Dierker	5-10	7-9	5-5	5-7	2-1	10-7	5-6	7-4	9-7	6-1	10-5	71-62
DiLauro	0-0	0-0	0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-0	1-2	1-3
Forsch	0-1	0-0	0-1	0-0	0-0	0-0	0-0	0-0	0-0	1-0	0-0	1-2
Gladding	2-2	0-2	2-2	0-3	1-0	0-0	1-1	0-2	2-0	1-0	2-0	11-12
Griffin	1-3	0-5	2-3	0-2	1-0	3-1	1-1	1-2	1-2	3-2	1-2	14-23
Guinn	0-0	0-0	0-0	1-1	0-0	0-0	0-0	0-1	0-0	0-0	0-0	1-2
Lemaster	1-7	0-5	2-5	6-5	4-1	3-5	2-2	2-5	5-2	3-1	2-6	30-44
Ray	1-2	1-1	3-1	0-1	2-0	2-0	3-0	1-2	0-2	2-1	1-0	16-10
Spinks	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-1	0-0	0-0	0-1
Wilson	3-5	6-3	6-9	8-6	4-0	7-2	5-4	2-3	1-6	3-2	6-3	51-43

HOUSTON OPENING-DAY GAMES

Year	Where Played	Score	Winning Pitcher	Losing Pitcher	Atten
1962	Houston	Houston 11 Chicago 2	Shantz	Cardwell	25,271
1963	Houston	San Francisco 9 Houston 2	Sanford	Farrell	19,591
1964	Cincinnati	Houston 6 Cincinnati 3	Johnson	Maloney	27,878
1965	Houston	Philadelphia 2 Houston 0	Short	Bruce	42,652
1966	Los Angeles	Los Angeles 3 Houston 2	Osteen	Roberts	34,520
1967	Houston	Houston 6 Atlanta 1	Cuellar	Kelley	26,001
1968	Houston	Houston 5 Pittsburgh 4	Dierker	Pizarro	21,320
1969	San Diego	San Diego 2 Houston 1	Selma	Wilson	23,370
1970	San Francisco	Houston 8 San Francisco 5	Dierker	Perry	30,933

The first baseball game played in the Astrodome was Friday, April 9, 1965, an exhibition between the Astros and New York Yankees. Houston won the game, 2 to 1, in 12 innings with Hal Woodeshick getting credit for the pitching win and Pete Mikkelsen the loss. A paid crowd of 47,876 watched the game and saw Mickey Mantle hit the first Astrodome home run in the sixth inning with the bases empty.

National League Pitchers Lifetime Records vs. Houston TOP TEN

Gibson.....22-12
Jackson, L.....18-6
Marichal.....18-9
Short.....17-6

Bunning.....15-4
Osteen.....15-8
Maloney.....15-8
Koufax.....14-2

Law.....14-4
Jarvis.....12-2
Shaw, B.....12-5
Cloninger.....12-9

-B-

Baldschun-2-3
Blass-7-4
Boozar-2-1
Brewer-5-4
Bries-9-5
Bryant-5-3
Bunning-15-4

-C-

Cardwell-6-7
Carlton-9-3
Carroll-5-2
Champion-0-1
Cloninger-12-9
Coombs-1-4
Corkins-2-1

-D-

Davison-0-2

-E-

Ellis-4-3

-F-

Fryman-7-2

-G-

Gentry-1-3
Gibbon-7-0
Gibson-22-12
Giusti-0-1
Granger-1-3
Grant-1-5
Gullett-1-0
Guzman-1-0

-H-

Hands-11-5
Herbel-2-1
Hoerner-2-1
Holtzman-7-3

-J-

James-1-1
Jarvis-12-2
Jaster-5-4
Jenkins-8-5
Johnson, J.-1-1

-K-

Kelley-3-2
Kirby-1-4
Kline-1-0
Kossman-2-6

-L-

Lersch-0-1
Linzy-6-3

-M-

Marichal-18-9
Marone-1-0
Marshall-0-1
McAndrew-1-2
McCool-2-5
McGinn-0-2
McGlothlin-2-1
McGraw-1-6
McMahon-2-3
Merritt-4-2
Mikkelsen-3-1
Moeller-5-3
Moore-0-1
Moose-5-0
Morton-0-2

-N-

Nash-2-1
Nelson-0-1
Niekro, P.-5-7
Nolan-8-1
Nye-2-3
Nyman-0-1

-O-

Osteen-15-8

-P-

Palmer-0-1
Pappas-8-8
Perry-9-13
Pizarro-0-2
Priddy-3-1
Purdin-2-1

-R-

Raymond-2-2
Reberger-2-1
Reed, H.-3-1
Reed, R.-3-1
Regan-3-4
Renko-2-2
Roberts-0-3
Robertson-0-1
Rohr-0-2
Ross-0-1
Ryan-2-5

-S-

Sadecki-8-8
Santorini-0-4
Seaver-7-8
Selma-2-5
Shaw-1-0
Short-17-6
Simpson-3-0
Singer-7-2
Sisk-6-5
Stone-6-4
Stoneman-1-4
Strahler-1-0
Sutton-6-7

-T-

Taylor-4-7
Torrez-1-1

-U-

Upshaw-2-1

-V-

Vance-1-1
Veale-11-3

-W-

Walker-2-0
Washburn-10-8
Waslewski-0-1
Wegener-0-2
Wilcox-1-0
Wilhelm-1-1
Wise-6-4

FINAL NATIONAL LEAGUE STANDINGS 1970

EASTERN DIVISION

Club	Pitt.	Chi.	N.Y.	St.L.	Phil.	Mont.	Cin.	L.A.	S.F.	Hou.	Atl.	S.D.	Won	Lost	Pct.	G.B.
Pitts.	-	10	12	12	14	9	4	6	4	6	6	6	89	73	.549	-
Chicago	8	-	7	7	9	13	7	6	7	7	4	9	84	78	.519	5
N.Y.	6	11	-	12	13	8	4	5	6	6	6	6	83	79	.512	6
St. L.	6	11	6	-	10	11	3	5	5	6	5	8	76	86	.469	13
Phil.	4	9	5	8	-	7	5	5	8	8	5	9	73	88	.453	15½
Mon.	9	5	10	7	11	-	5	4	6	4	6	6	73	89	.451	16

WESTERN DIVISION

Club	Cin.	L.A.	S.F.	Hou.	Atl.	S.D.	Pitt.	Chi.	N.Y.	St.L.	Phil.	Mont.	Won	Lost	Pct.	G.B.
Cin.	-	13	9	15	13	8	8	5	8	9	7	7	102	60	.630	-
L.A.	5	-	9	10	12	11	6	6	7	7	6	8	87	74	.540	14½
S.F.	9	9	-	8	11	13	8	5	6	7	4	6	86	76	.531	16
Houston	3	8	10	-	9	14	6	5	6	6	4	8	79	83	.488	23
Atlanta	5	6	7	9	-	9	6	8	6	7	7	6	76	86	.469	26
San Diego	10	7	5	4	9	-	6	3	6	4	3	6	63	99	.389	39

CHAMPIONSHIP SERIES-Cincinnati defeated Pittsburgh, 3 games to 0.

HOUSTON VS. NATIONAL LEAGUE

	TOTAL	ALL-TIME		TOTAL	1970	
	W-L	HOME	ROAD	W-L	HOME	ROAD
	W-L	W-L	W-L	W-L	W-L	W-L
Atlanta.....	58-104	32-49	26-55	9-9	5-4	4-5
Chicago	77-73	50-25	27-48	5-7	4-2	1-5
Cincinnati ..	62-100	35-46	27-54	3-15	2-7	1-8
Los Angeles..	65-97	33-48	32-49	8-10	3-6	5-4
Montreal	19-5	10-2	9-3	8-4	4-2	4-2
New York ...	93-55	55-19	38-36	6-6	4-2	2-4
Philadelphia	55-95	36-39	19-56	4-8	3-3	1-5
Pittsburgh ..	51-99	37-38	14-61	6-6	4-2	2-4
St. Louis	65-85	35-40	30-45	6-6	1-5	5-1
San Diego ...	24-12	15-3	9-9	14-4	7-2	7-2
San Francisco	65-97	44-37	21-60	10-8	7-2	3-6
TOTALS	634-822	382-346	252-476	79-83	44-37	35-46

ASTROS VS. N. L. SEASON SERIES

	1962	1963	1964	1965	1966	1967	1968	1969	1970
*Atlanta	7-11	5-13	12-6	4-14	4-14	7-11	7-11	3-15	9-9
Chicago	11-7	9-9	7-11	10-8	13-5	10-8	8-10	4-8	5-7
Cincinnati	5-13	7-11	6-12	6-12	14-4	3-15	9-9	9-9	3-15
Los Angeles	6-12	5-13	7-11	5-13	7-11	10-8	11-7	6-12	8-10
Montreal	—	—	—	—	—	—	—	11-1	8-4
New York	13-3	13-5	9-9	14-4	7-11	11-7	10-8	10-2	6-6
Philadelphia	1-17	8-10	5-13	6-12	7-11	7-11	9-9	8-4	4-8
Pittsburgh	5-13	6-12	5-13	8-10	4-14	9-9	5-13	3-9	6-6
St. Louis	9-9	5-13	8-10	9-9	10-8	6-12	5-13	7-5	6-6
San Diego	—	—	—	—	—	—	—	10-8	14-4
San Francisco	7-11	8-10	7-11	3-15	6-12	6-12	8-10	10-8	10-8

*—Milwaukee 1962-3-4-5.

ASTROS AT HOME VS. N.L.

Team	1962	1963	1964	1965	1966	1967	1968	1969	1970
*Atlanta	4-5	2-7	6-3	2-7	2-7	6-3	3-6	2-7	5-4
Chicago	6-3	7-2	5-4	5-4	8-1	7-2	6-3	2-4	4-2
Cincinnati	2-7	5-4	4-5	3-6	9-0	1-8	4-5	5-4	2-7
Los Angeles	2-7	4-5	3-6	3-6	3-6	5-4	6-3	4-5	3-6
Montreal	—	—	—	—	—	—	—	6-0	4-2
New York	7-1	7-2	7-2	7-2	4-5	8-1	5-4	6-0	4-2
Philadelphia	1-8	6-3	3-6	2-7	5-4	5-4	6-3	5-1	3-3
Pittsburgh	3-6	4-5	4-5	6-3	3-6	6-3	5-4	2-4	4-2
St. Louis	5-4	4-5	4-5	6-3	6-3	3-6	2-7	4-2	1-5
San Diego	—	—	—	—	—	—	—	8-1	7-2
San Francisco	2-7	5-4	5-4	2-7	5-4	5-4	5-4	8-1	7-2

*—Milwaukee 1962-63-64-65.

ASTROS ON ROAD VS. N.L.

Team	1962	1963	1964	1965	1966	1967	1968	1969	1970
*Atlanta	3-6	3-6	6-3	2-7	2-7	1-8	4-5	1-8	4-5
Chicago	5-4	2-7	2-7	5-4	5-4	3-6	2-7	2-4	1-5
Cincinnati	3-6	2-7	2-7	3-6	5-4	2-7	5-4	4-5	1-8
Los Angeles	4-5	1-8	4-5	2-7	4-5	5-4	5-4	2-7	5-4
Montreal	—	—	—	—	—	—	—	5-1	4-2
New York	6-2	6-3	2-7	7-2	3-6	3-6	5-4	4-2	2-4
Philadelphia	0-9	2-7	2-7	4-5	2-7	2-7	3-6	3-3	1-5
Pittsburgh	2-7	2-7	1-8	2-7	1-8	3-6	0-9	1-5	2-4
St. Louis	4-5	1-8	4-5	3-6	4-5	3-6	3-6	3-3	5-1
San Diego	—	—	—	—	—	—	—	2-7	7-2
San Francisco	5-4	3-6	2-7	1-8	1-8	1-8	3-6	2-7	3-6

*—Milwaukee 1962-63-64-65.

Houston Top Ten Home Run Hitters All Time

Wynn	172	Rader	44
Staub	57	Menke	29
Aspromonte	51	Bond	27
Morgan	48	Mejias	24
Bateman	45	Warwick	23

Home Run Table Houston All Time

Player	vs	Atl	Chi	Cin	LA	Mon	NY	Phil	Pitt	Stl	SD	SF	Tot
Alou		1	1	—	1	1	—	1	—	—	—	1	6
Cadeno		2	1	—	2	1	—	1	—	—	—	—	7
Dierker		—	—	—	—	1	1	—	—	—	—	1	3
Edwards		2	3	1	1	1	—	—	5	—	—	—	13
Griffin		—	1	—	—	—	—	1	—	—	—	—	2
Howard		—	—	—	—	—	—	—	—	2	—	—	2
Lampard		—	—	1	—	—	—	—	—	—	—	—	1
Lemaster		1	—	—	1	—	—	—	—	—	—	—	2
Mayberry		—	—	1	—	1	—	—	—	—	—	3	5
Menke		2	2	3	4	1	8	3	2	1	1	4	29
Miller		2	2	2	3	1	—	1	2	1	—	2	16
Morgan		9	7	2	5	2	3	2	3	2	3	10	48
Rader		8	5	5	4	2	1	5	3	3	3	5	44
Watson		5	—	2	2	—	1	1	2	—	1	—	14
Wilson		—	1	—	—	—	—	—	—	—	—	—	1
Wynn		19	20	13	19	5	22	15	16	14	6	23	172

Houston Grand Slams

Player	Date	Opponent	At	Pitcher	Inning
Buddin	6-10-62	LA	Hou	Moeller	6
Larker	6-20-62	SF	SF	Marichal	3
Aspromonte	6-11-63	Chi	Hou	McDaniel	10
Campbell	7-4-63	Cin	Hou	Jay	8
Aspromonte	7-26-63	NY	Hou	Stallard	1
Aspromonte	6-11-64	Cin	Hou	Tsitouris	5
Aspromonte	6-29-64	Phil	Hou	Mahaffey	1
Aspromonte	8-11-66	Chi	Chi	Roberts	2
Aspromonte	8-26-66	Chi	Hou	Koonce	9
Harrison	9-16-66	Phil	Hou	Short	4
Miller	8-10-68	Pitt	Hou	Face	9
Torres	4-27-69	SF	SF	Sadecki	2
Rader	5-27-69	Phil	Hou	Peraza	9
Menke	7-30-69	NY	NY	Koonce	9
Wynn	7-30-69	NY	NY	Taylor	9
Rader	6- 4-70	Mon	Hou	McGinn	1
Pepitone	6-10-70	NY	Hou	Ryan	4
Menke	7- 9-70	LA	Hou	Foster	1
Watson	9- 7-70	SD	SD	Willis	6
Watson	9-17-70	LA	LA	Brewer	7

Opponents Grand Slams

Player	Date	Opponent	At	Pitcher	Inning
Robinson	7-8-62	Cin	Cin	Bruce	5
Bailey, E.	4-10-63	SF	Hou	McMahon	8
Willey	7-15-63	NY	NY	Johnson	2
Oliver, G.	8-28-63	Mil	Hou	Farrell	8
Burton	8-31-63	Chi	Chi	Woodeshick	9
Williams	5-1-64	Chi	Hou	Hoerner	1
Stargell	8-28-65	Pitt	Pitt	Dierker	1
White	8-3-66	Phil	Phil	Sempera	5
Pavletich	6-11-67	Cin	Cin	Schneider	9
Mays	6-13-67	SF	Hou	Latman	10
Aaron, H.	6-27-67	Atl	Atl	Blasingame	3
Davis, T.	7-19-67	NY	NY	Giusti	1
Lock	8-14-68	Phil	Phil	Lemaster	3
Hiatt	4-25-69	SF	SF	Schneider	13
Allen	5-8-69	Phil	Phil	Griffin	3
Clemente	6-11-69	Pitt	Hou	Billingham	6
Burda	7-9-69	SF	SF	Guinn	8
Hickman	8-23-69	Chi	Chi	Gladding	7
Aaron, H.	4-10-70	Atl	Hou	Griffin	3
Santo	4-26-70	Chi	Chi	Dierker	6
Allen	8- 1-70	Stl	Hou	DiLauro	7
Webster	9- 7-70	SD	SD	Forsch	9

Grand Slam Home Runs—Lifetime

Edwards	3	Miller	1	Watson	2
Menke	3	Rader	2	Wynn	1

National League Home Runs Lifetime Records vs. Houston

TOP TEN

Mays38
Aaron, H.35
Santo30

Allen28
Banks26
McCovey26
Perez22

Stargell22
Haller21
Williams20

-A-

Aaron, H. - 35
Aaron, T. - 1
Agee - 6
Allen - 28
Alley - 2
Alou, M. - 2

-B-

Bailey, B. - 8
Banks - 26
Barton - 1
Baleman - 5
Beckert - 3
Bench - 5
Boccabella - 3
Bonds - 2
Boyer, C. - 3
Briggs - 2
Brock - 8
Brown, O. - 7
Browne, B. - 4
Buchek - 5
Burda - 1

-C-

Callison - 18
Cannizzaro - 1
Cardenal - 1
Carbo - 3
Carlton - 1
Carty - 12
Cepeda - 19
Clemente - 14
Clendenon - 10
Cloninger - 1
Colbert - 8
Corrales - 1
Crawford - 2

-D-

Davis, W. - 5
Dietz - 5

-F-

Fairly - 7
Ferrara - 2
Fuentes - 1

-G-

Garrett - 1
Garrido - 1
Gaston - 3
Gibson - 1
Goossen - 1
Gosger - 1
Grabarkewitz - 1

-H-

Hague - 1
Haller - 21
Hart - 13
Helms - 1
Hickman - 9
Hisle - 2
Hundley - 7
Hunt - 2
Huntz - 2

-J-

Jackson, S. - 1
Javier - 7
Johnson, D. - 13
Johnson, F. - 1
Jones, C. - 3
Jones, M. - 12

-K-

King - 1
Kosco - 3
Kranepool - 10

-L-

Lefebvre - 7

-M-

Martin - 2
May, L. - 7
Mays - 38
Mazeroski - 6
McCarver - 6
McCovey - 26
Money - 2
Morales - 1
Mota - 5
Murrell - 3

-O-

Osteen, C. - 1

-P-

Pagan - 1
Parker - 7
Perez - 22
Phillips - 6
Pitlock - 1

-R-

Robertson - 6
Rose - 6
Russell - 1

-S-

Santo - 30
Schofield - 2
Shamsky - 5
Shannon - 5
Slocum - 1
Spangler - 1
Spiezio - 2
Stargell - 22
Staub - 4
Stone, R. - 1
Sudakis - 1
Sutherland - 2
Swoboda - 6

-T-

Taylor, T. - 2
Tolan - 5
Torre - 13

-W-

Williams - 20
Wills - 1
Wine - 1
Wise - 1

The first official National League home run hit in the Astrodome was by Richie Allen of the Philadelphia Phillies on April 12, 1965. It was hit off Astros' pitcher Bob Bruce in the third inning with one man on base. It was not until April 24th that a Houston player hit a home run in the Astrodome in league play. Bob Aspromonte connected off Vernon Law of the Pittsburgh Pirates in the sixth inning with one man on base.

Year-By-Year with Houston

YEAR	WON	LOST	PCT.	POSITION	MANAGER
1962.....	64	96	.400	8	Harry Craft
1963.....	66	96	.407	9	Harry Craft
1964.....	66	96	.407	9	Harry Craft (61-88) Luman Harris (5-8)
1965.....	65	97	.401	9	Luman Harris
1966.....	72	90	.444	8	Grady Hatton
1967.....	69	93	.426	9	Grady Hatton
1968.....	72	90	.444	10	Grady Hatton (23-38) Harry Walker (49-52)
1969.....	81	81	.500	5*	Harry Walker
1970.....	79	83	.488	4*	Harry Walker
TOTALS.....	634	822	.435		

*Western Division

HOUSTON INDIVIDUAL SEASON RECORDS

BATTING

Most Games	161—Rusty Staub	1968
Most At Bats	601—Joe Morgan	1965
Most Runs	113—Jim Wynn	1969
Most Hits	182—Rusty Staub	1967
Most Singles	160—Sonny Jackson	1966
Most Doubles	44—Rusty Staub	1967
Most Triples	12—Joe Morgan	1965
Most Home Runs	37—Jim Wynn	1967
Most Total Bases	294—Jim Wynn	1967
Most Extra Base Hits	69—Jim Wynn	1967
Most Sacrifice Hits	27—Sonny Jackson	1966
Most Sacrifice Flies	8—Rusty Staub	1966
	Denis Menke	1970
Most Stolen Bases	49—Sonny Jackson	1966
	—Joe Morgan	1969
Most Caught Stealing	17—Jim Wynn	1968
Most Base on Balls	148—Jim Wynn	1969
Most Strike Outs	142—Jim Wynn	1969
Fewest Strike Outs	53—Sonny Jackson	
	(150 or more games)	1966
Most Hit by Pitcher	10—Nellie Fox	1964
Most Runs Batted In	107—Jim Wynn	1967
Highest Batting Average	.333—Rusty Staub	1967
Highest Slugging Average	.507—Jim Wynn	1969
Longest Hitting Streak-Games	20—Rusty Staub	1967
Most Grounded into Double Plays	23—Doug Rader	1970
Fewest Grounded into Double Plays	2—Joe Morgan	
	(502 or more plate appearances)	1966 & 1967

PITCHING

Most Games	63—Fred Gladding	1970
Most Games Started	37—Larry Dierker	1969
	—Denver Lemaster	1969
Most Complete Games	16—Mike Cuellar	1967
Most Innings Pitched	251—Dave Giusti	1968
Most Games Won	16—Mike Cuellar	1967
Most Games Lost	20—Dick Farrell	1962
Most Consecutive Games Won	8—Don Wilson	1969
Most Consecutive Games Lost	11—Dick Drott	1963
Most Strikeouts	235—Don Wilson	1969
	Mike Cuellar	1967
Most Strikeouts-9 Inning Game	18—Don Wilson	1968
Most Shutouts	4—Bob Bruce	1964
	Dave Giusti	1966
	—Larry Dierker	1969
Most Hits Allowed	263—Larry Dierker	1970
Most Hit Batsmen	12—Bob Bruce	1962
Most Wild Pitches	20—Larry Dierker	1968
Most Home Runs Allowed	31—Larry Dierker	1970
Lowest Earned Run Average	2.22—Mike Cuellar	1966
Most Saves	29—Fred Gladding	1969

The Astros and the Philadelphia Phillies played the first official National League game in the Astrodome on Monday, April 12, 1965. Phillies' pitcher Chris Short shut out Houston, 2 to 0, before 42,652 with Bob Bruce being charged with the pitching loss.

All-Time Houston Batting Leaders

GAMES		AT-BATS		PERCENTAGE	
Wynn.....	1019	Wynn.....	3636	Staub.....	273
Aspromonte.....	1007	Aspromonte.....	3588	Morgan.....	264
Staub.....	833	Staub.....	2906	Wynn.....	262
HITS		DOUBLES		TRIPLES	
Wynn.....	955	Wynn.....	169	Morgan.....	47
Aspromonte.....	925	Staub.....	156	Aspromonte.....	24
Staub.....	792	Aspromonte.....	111	Wynn.....	24
HOME RUNS		RUNS BATTED IN		EXTRA BASE HITS	
Wynn.....	172	Wynn.....	528	Wynn.....	365
Staub.....	57	Aspromonte.....	385	Staub.....	225
Aspromonte.....	51	Staub.....	370	Morgan.....	204
TOTAL BASES		RUNS		STOLEN BASES	
Wynn.....	1688	Wynn.....	584	Morgan.....	155
Aspromonte.....	1237	Morgan.....	444	Wynn.....	139
Staub.....	1143	Aspromonte.....	336	Jackson.....	73
BASES ON BALLS		STRIKEOUTS			
Wynn.....	597	Wynn.....	824		
Morgan.....	497	Aspromonte.....	383		
Staub.....	323	Bateman.....	361		

All-Time Houston Pitching Leaders

GAMES		GAMES STARTED		COMPLETE GAMES	
Dierker	181	Dierker	168	Dierker	60
Farrell	181	Bruce	138	Farrell	41
Giusti	176	Farrell	132	Cuellar	38
WON		LOST		INNINGS PITCHED	
Dierker	71	Farrell	64	Dierker	1249.2
Farrell	53	Dierker	62	Farrell	1015.0
Wilson	51	Bruce	58	Giusti	913.2
HITS		RUNS		EARNED RUNS	
Dierker	1119	Dierker	506	Dierker	442
Farrell	947	Giusti	447	Giusti	408
Bruce	918	Farrell	432	Farrell	386
BASES ON BALLS		STRIKEOUTS		HOME RUNS	
Dierker	353	Dierker	874	Dierker	101
Wilson	303	Farrell	694	Farrell	95
Giusti	263	Wilson	670	Giusti	79
EARNED RUN AVERAGE		PERCENTAGE			
Cuellar	2.74	Dierker	71-62	.534	
Dierker	3.18	Cuellar	37-36	.507	
Farrell	3.42	Giusti	47-53	.470	

Houston vs. National League Doubleheaders All Time

	HOME W-L-S	ROAD W-L-S	TOTAL W-L-S
Atlanta	1-1-1	1-5-1	2-6-2
Chicago	1-0-2	1-3-7	2-3-9
Cincinnati	1-0-0	2-6-9	3-6-8
Los Angeles	0-1-0	2-3-1	2-4-1
Montreal	0-0-0	0-0-1	0-0-1
New York	4-0-0	7-6-7	11-6-7
Philadelphia	0-3-0	0-4-3	0-7-3
Pittsburgh	0-1-0	1-3-6	1-4-6
St. Louis	0-0-1	0-0-6	0-0-7
San Diego	1-0-0	1-0-1	1-0-1
San Francisco	0-0-0	0-5-5	0-5-5
TOTALS	8-6-4	15-35-47	23-41-51

The first National League doubleheader played in Houston was on June 10, 1962 against Los Angeles. The Dodgers won both games, 9 to 3 and 9 to 7.

THE ASTRODOME

1. THE WORLD'S FIRST AIR CONDITIONED ALL PURPOSE STADIUM

The world's first air-conditioned, domed, all-purpose stadium, shining like a precious jewel in southwest Houston, Texas, was constructed by the citizens of Harris County at a cost of \$20.5 million plus \$3 million for the land on which the structure is located, and a total cost of \$31.6 million for the entire project including access roads and parking.

The stadium is leased for 10 years to the Houston Sports Association, which owns and operates Houston's National League baseball club. The HSA pays an annual lease fee of \$750,000 plus all operating costs, and has the right to sublease the stadium.

2. HOME OF

- Houston Astros National League baseball team
- Houston Oilers, American Football League
- University of Houston Cougar football team
- Houston Livestock Show and Rodeo
- Conventions of all types and sizes
- Religious conclaves
- Shows and Circuses
- Championship boxing matches
- Other Sports and functions

3. STADIUM COMPLEX COVERS 260 ACRES

The stadium structure itself covers nine and a half acres of land, and the entire complex, including exhibition hall and parking area, covers 260 acres.

The outside diameter of the stadium structure is 710 feet and the floor of the stadium is approximately 25 feet below normal ground level, affording minimum vertical travel by fans.

4. COMFORTABLE CUSHIONED, UPHOLSTERED SEATING

There are 41,000 cushioned, upholstered (seat and back) theatre seats in the stadium and 4,000 pavillion seats with cushioned upholstered seats and wooden backs.

The seating capacities are 45,000 for baseball, 52,000 for football, 60,000 for conventions and a maximum of 66,000 for boxing or similar events.

Seating can be arranged to accomodate any type of sport or meeting from rodeos to national political conventions. To convert from baseball to football seating, the stands holding 10,000 seats move around on steel rails until they parallel the football sidelines.

Seating is arranged on six levels, allowing in effect, six front rows. All seats face the center of the playing area for baseball and football with the radius point of the stadium 20 feet behind second base in the baseball diamond. This means that the seats in center field stands are just as close to the center of action as some of the best seats behind home plate.

5. TWO MILLION DOLLAR SCOREBOARD

The domed stadium scoreboard is an attraction itself, featuring all pertinent sports information plus an electrical show that lasts over 10 seconds when the home team hits a home run or scores a point.

The scoreboard, built at a cost of \$2 million, is adaptable to all spectator sports and is over 100 feet long. It includes a telilite picture screen in direct center field, an automatic message board, and three additional boards for valuable information such as line-ups, scores, balls and strikes, and special plays.

Two auxiliary scoreboards also display the most pertinent information.

6. RAMPS AND ESCALATORS PROVIDE EASY ACCESS TO SEATS

Wide, low-pitched ramps and two sets of escalators provide easy access to the seats, and the entire stands can be emptied in nine minutes with a maximum crowd.

7. UNIQUE ROOF AND LIGHTING SYSTEM

The permanent roof of the dome, which has a clear span of 642 feet (twice that of any previous structure), has a maximum height of 208 feet above the playing field. This would allow the construction of an 18-story building under the roof.

The roof design consists of a steel lamella frame incorporating trussed beams arching upward to meet at the center and braced in a diamond pattern.

This steel skeleton supports a roof containing 4,596 skylights (72" by 36") each made of cast acrylic sheet.

The roof can withstand hurricane winds of 135 m.p.h. and gusts of 165 m.p.h.

The playing field is illuminated to an average brightness of 150 foot candles by 1,906 floodlights, and the total electric power consumed exceeds 18,000 KVA, more than that needed by a city of 9,000 population.

8. OVER 6,000 TONS OF AIR CONDITIONING

The stadium is completely air-conditioned with 6,600 tons of cooling capacity, costing some \$4.5 million. The system circulates 2.5 million cubic feet of air each minute. Every minute 250,000 cubic feet of fresh air is drawn into the stadium and conditioned by electronic filters and activated charcoal odor removers before being distributed through the system. Smoke and hot air are drawn out through the top of the roof.

FARM CLUB ORGANIZATION

TAL SMITH—Vice President and Director of Player Personnel

LYNWOOD STALLINGS—Administrative Assistant

BOB LILLIS—Director of Instruction

ASSOCIATED CLUBS

Team	League	Class	Manager	General Manager
Oklahoma City	Amer. Assoc.	AAA	Jim Williams	Dick King
Columbus, Ga.	Southern	AA	Cliff Davis	Bill Reep
*Cocoa	Florida State	A	Tony Pacheco	John Oliveria
Sumter	Western Carolinas	A	Jack Brandt	Wayne Hayes
+Covington	Appalachian		Billy Smith	Charlie McKee

*Owned Outright

+Rookie League Status

* Owned outright

± Summer League club

+ Rookie League status

SCOUTING STAFF

SPECIAL ASSIGNMENT SCOUT

Paul Florence Williston, Florida

REGIONAL SCOUTING DIRECTORS

Pat Gillick New York, New York

Jim Wilson San Diego, California

AREA SCOUTS

Jim Baumer Riverside, California
 Stan Benjamin Greenfield, Massachusetts
 Homer Blackburn Butler, Pennsylvania
 Dick Bogard La Palma, California
 Ed Burke Downey, California
 Jerry Davison Chula Vista, California
 Gustavo Escobar Panama, Panama
 Earl Gilpin Detroit, Michigan
 Epy Guerrero Santo Domingo, Dominican Republic
 Herb Hippauf Santa Clara, California
 Stan Hollmig New Braunfels, Texas
 John Jemison Memphis, Tennessee
 Gordon Lakey Houston, Texas
 Walt Matthews Saratoga, Arkansas
 John Miller Tempe, Arizona
 Bill Pleis Creve Coeur, Missouri
 Cliff Polking Cincinnati, Ohio
 Leo Posada Miami, Florida
 Wharton Ralston Colfax, California
 Earl Rapp Swedesboro, New Jersey
 Billy Smith Jamestown, North Carolina
 Jim Walton Shattuck, Oklahoma

COCOA, FLORIDA SPRING TRAINING BASE

**P. O. BOX 45
ORLANDO HIGHWAY 520
AND FRIDAY ROAD
32933**

**TELEPHONE:
305-632-5200**

1971 is the eighth spring the Houston baseball club headquartered its training activities at Cocoa, Florida.

In 1964, Houston's first at Cocoa, only Oklahoma City of the Pacific Coast League joined the parent team on the new complex. However, 1965 saw the entire system of six clubs joined together for the first time on a common training location.

Clubs training at the Cocoa facility beside the Astros are Oklahoma City (American Association), Columbus, Georgia (Southern), Sumter (Western Carolinas), and Cocoa (Florida State).

The \$800,000 modern facility was built by the city of Cocoa and is being leased to the Astros for a period of ten years. Cocoa is located just nine miles west of Cape Kennedy; and the training area is five miles west of Cocoa.

The camp covers 52 acres and includes a lighted 5,200 seat stadium for the Astros exhibition games as well as the regular season games of the Cocoa team in the Florida State League. There is space surrounding the stadium for parking 3,000 cars.

Aside from the large stadium, there are four additional diamonds for training of the minor league clubs. These fields are set in a wheel effect with an observation tower in the center to observe activity of all operations simultaneously.

Most of the players, as well as staff personnel, press and radio are housed in the dormitory which is located adjacent to the stadium and practice fields. The dormitory has a sleeping capacity of 268 and also features a large cafeteria seating 350, a large lobby and lounge, plus offices for both the major and minor league operations. A recreation building, located next to the dormitory, features pool, table tennis and other activities for leisure time.

The training camp has two clubhouses, one for major league players and visiting teams and one for the minor league teams. Capacity of the two units is 300 players.

This is the tenth spring training season for the Houston baseball club and the eighth at Cocoa. Houston's first two seasons in the National League, the club trained at Apache Junction, Arizona.

The first home run ever hit by a Houston player in the National League came on opening day of 1962—April 10. Roman Mejias connected off Chicago pitcher Don Cardwell in the third inning with two men on base. Mejias also homered off Al Lary in the eighth inning with two more men on to account for the third Colt 45's home run of the game. Hal Smith had hit one in the third inning. The first opposition home run came in the seventh inning of the same game when the Cubs' Ernie Banks hit one off Bobby Shantz.

SPRING TRAINING SCHEDULE

Date	Day	Opponent	Place	Time
March 5	Friday	Boston Red Sox	Cocoa	1:30
March 6	Saturday	Kansas City Royals	Fort Myers	1:30
March 7	Sunday	Boston Red Sox	Winter Haven	1:30
March 8	Monday	Montreal Expos	W. Palm Beach	1:30
March 9	Tuesday	Atlanta Braves	Cocoa	1:30
March 10	Wednesday	New York Mets	St. Petersburg	1:30
March 11	Thursday	Detroit Tigers	Lakeland	1:30
March 12	Friday	(Open)		
March 13	Saturday	Montreal Expos	Cocoa	1:30
March 14	Sunday	Kansas City Royals	Cocoa	1:30
March 15	Monday	Cincinnati Reds	Cocoa	1:30
March 16	Tuesday	Philadelphia Phillies	Clearwater	1:30
March 17	Wednesday	Boston Red Sox	Winter Haven	1:30
March 18	Thursday	Montreal Expos	Cocoa	1:30
March 19	Friday	Atlanta Braves	W. Palm Beach	1:30
March 20	Saturday	Minnesota Twins	Cocoa	1:30
March 21	Sunday	Minnesota Twins	Orlando	1:30
March 22	Monday	(Open)		
March 23	Tuesday	Los Angeles Dodgers	Cocoa	1:30
March 24	Wednesday	Cincinnati Reds	Tampa	1:30
March 25	Thursday	Philadelphia Phillies	Cocoa	1:30
March 26	Friday	Montreal Expos	W. Palm Beach	1:30
March 27	Saturday	Los Angeles Dodgers	Vero Beach	7:00
March 28	Sunday	Los Angeles Dodgers	Cocoa	1:30
March 29	Monday	Boston Red Sox	Cocoa	1:30
March 30	Tuesday	(Open)		
March 31	Wednesday	New York Yankees	HOUSTON	7:30
April 1	Thursday	New York Yankees	HOUSTON	7:30
April 2	Friday	Yankees/Minnesota Twins	HOUSTON	7:30
April 3	Saturday	Minnesota Twins	HOUSTON	7:30
April 4	Sunday	Minnesota Twins	HOUSTON	2:00

HOTELS AWAY FROM HOME

Atlanta	Marriott
Chicago	Executive House
Cincinnati	Netherland Hilton
Los Angeles	Biltmore
Montreal	Queen Elizabeth
New York	Roosevelt
Philadelphia	Bellevue-Stratford
Pittsburgh	William Penn
St. Louis	Chase
San Diego	El Cortez
San Francisco	Sheraton Palace

TICKET INFORMATION

ASTRODOME TICKET OFFICE

Open daily 9:00 a.m. to 5:00 p.m. 9:00 a.m. to 8:00 p.m. on night of games and 4:00 p.m. on Sunday when Astros are home.

Tickets also available in Houston at all Foley's stores, at the Houston Citizens Bank and Trust and outside of Houston may also be purchased at Montgomery Ward Stores throughout the Southwest.

BY MAIL

Box and reserved seat tickets may be purchased in advance by mail for any home game. Please specify DATE OF GAME, NUMBER and TYPE of tickets (box or reserved).

Mail check or money order (payable to HOUSTON ASTROS BASEBALL CLUB) for exact amount plus 25¢ (per order) for handling to:

TICKET OFFICE
HOUSTON ASTROS
P.O. BOX 1691
HOUSTON, TEXAS 77001

No. C.O.D. or telephone reservations.

TICKET PRICES

(including tax)

BOX SEATS	\$4.00
RESERVED SEATS	3.00
*PAVILION	1.50
*CHILDREN (Pavilion)50

*Sold day of game only or when box and reserve seats are sold out

GROUP ORDERS

For club, fraternal organizations, social clubs, employee groups or community nights contact:

SALES OFFICE
HOUSTON ASTROS
P.O. BOX 288
HOUSTON, TEXAS 77001
TELEPHONE: RIVERSIDE 8-4500

The Houston Colt 45s played three seasons in Colt Stadium, 1962-63-64, and finished in that ball park with a victory over Los Angeles, 1 to 0, in 12-innings on September 27, 1964.

Astrodome, Astrohall, Astroworld, Hotel/Motels

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